Markes Calibration and data files March 21-April 11, 2019

Description	data file
Light composite cal 1	032119_2
Light composite cal 2	032119_3
Light composite cal 3	032119_4
Light composite cal 4	032119_5
Light composite cal 5	032119_6
Trap heat	040419_1
Light PFAS mid cal	040419_4
Batch blk #1	040419_3
Sample 1	040419_5
Sample 1 dup	040419_6
Sample 2	040419_7
Sample 3	040419_8
Sample 4	040419_9
Sample 5	040419_10
Sample 6	040419_11
Sample 7	040419_12
Sample 8	040419_13
Sample 9	040419_14
Sample 10	040419_15
Sample 11	040419_16
Trap heat	040819_1
Light PFAS mid cal	040819_4
Batch blk #2	040819_3
Trip blk	040819_5
Trip blk dup	040819_6
Batch blk #2	040919_3
Field blk	040819_7
Ambient	040819_8
System blk	040819_9
Light PFAS mid cal	041119_3
Batch blk #2	041119_4
Sample 12	041119_5
Sample 12 dup	041119_6
Sample 13	041119_7
Sample 14	041119_8
Sample 15	041119_9
Sample 16	041119_10

Instrument	
Markes	
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Markes	Formed 5 level light cal for Markes
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Entech St. Gobain data files April 11-17,2019

	Description	data file
	1 ppb TO15 std	41219003
	Ambient	41219004
	Ambient dup	41219006
	System Blank	41219007
	Batch Blank 2	41219009
	Trip Blank	41219011
	Field Blank	41219013
	Instrument blank	41519002
	1 ppb TO15 std	41519003
	Fluorotelomer std	41519004
	Batch blank 1	41519005
	Sample 1	41519006
	Sample 1 dup	41519007
	Sample 2	41519009
	Sample 3	41519011
	Sample 4	41519013
	Sample 5	41519015
	Sample 6	41519017
	Instrument blank	41619002
	1 ppb TO15 std	41619003
	Fluorotelomer std	41619004
	Batch Blank 2	41619005
	Sample 7	41619006
	Sample 7 dup	41619007
	Sample 8	41619009
	Sample 9	41619011
	Sample 10	41619013
	Sample 11	41619015
	Sample 12	41619017
	Instrument blank	41719002
	1 ppb TO15 std	41719003
	Fluorotelomer std	41719004
	Batch blank 1	41719005
	Sample 13	41719006
	Sample 13 dup	41719007
	Sample 14	41719009
	Sample 15	41719011
	Sample 16	41719013
single cal	Fluorotelomer std	32219020

Instrument
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Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219003.D
Acq On : 12 Apr 2019 3:03 pm
Operator :
Sample : 1 ppb
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 13:50:45 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

	Compound
Inte	rnal Standards
1)	Bromochloromethane
62)	1,4-Difluorobenzene
89)	Chlorobenzene-d5
Targ	et Compounds
2]	Propylene
3]	Propane
4]	Dichlorodifluoromethane
5]	Chloromethane
6]	Isobutane
7]	Dichlorotetrafluoroethane
8]	Vinyl Chloride
9]	1-Butene
10]	1,3-Butadiene
11]	Butane
12)	trans-2-butene
13]	Bromomethane
14]	cis-2-butene
15]	Chloroethane
16]	Ethanol
17]	Vinyl Bromide
18]	Acetonitrile
19]	Acrolein
20]	Acetone
21]	iso-Pentane
22]	Trichlorofluoromethane
23]	Isopropyl Alcohol
24]	1-Pentene

R.T.	QIon	Respons	e	Conc U	nits	Dev(Min)
9.991	130	95341		20	ppbv	# 0.00
12.085	114	416170		20	ppbv	0.00
18.386	82	239834		20	ppbv	# 0.00
					Qvalue	
5.101	41	199799		1.34	ppbv	93
5.199	43	68135		1.83	ppbv	96
5.418	85	150507		0.96	ppbv	99
5.723	50	100731		1.29	ppbv	100
5.919	41	166618	m	1.49	ppbv	
5.919	85	235951		1.04	ppbv	98
6.053	62	86219		1.03	ppbv	99
6.199	41	277492		1.39	ppbv	100
6.248	54	127383		1.06	ppbv #	66
6.321	43	199154		1.2	ppbv	98
6.443	41	131556		1.13	ppbv	100
6.59	94	68913		1.1	ppbv	95
6.626	41	138280		1.17	ppbv	98
6.761	64	41547		1.3	ppbv #	77
6.858	31	87661		1.08	ppbv #	97
7.115	106	63052		1.09	ppbv	100
7.084	41	88726		1.26	ppbv	97
7.197	56	31280		0.97	ppbv #	96
7.3	43	816875		3.73	ppbv #	75
7.331	41	127362		1.29	ppbv	100
7.464	101	231543		1.13	ppbv	97
7.495	45	117389		3.29	ppbv #	28
7.556	42	142586		1.2	ppbv	92

Quantitation Report (QT Reviewed)

can 744

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219004.D
Acq On : 12 Apr 2019 4:02 pm
Operator :
Sample : Ambient
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 16:53:15 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	134996			20	ppbv	# 0.02
12.08	114	563872			20	ppbv	0.00
18.39	82	323558			20	ppbv	# 0.00
						Qvalue	
5.194	41	459265			2.33	ppbv	# 54
5.21	43	594747			19.43	ppbv	94
5.412	85	23180			0.06	ppbv	95
5.724	50	24348			0.16	ppbv	89
5.927	41	83149			0.34	ppbv	# 48
5.896	85	1261	m	Below		Cal	
0		0		N.D		.	
6.192	41	198963	m		0.29	ppbv	
6.207	54	6147		Below		Cal	# 1
6.317	43	35026	m		0.12	ppbv	
0		0		N.D		.	d
0		0		N.D		.	
0		0		N.D		.	d
0		0		N.D		.	
6.867	31	13879140		Below		Cal	# 99
7.103	106	684	m	Below		Cal	
7.093	41	12984	m		0.02	ppbv	
7.196	56	8103			0.1	ppbv	# 93
7.308	43	909756			2.81	ppbv	# 71
7.329	41	45882			0.3	ppbv	88
7.473	101	29869			0.03	ppbv	# 91
7.504	45	108891			2.05	ppbv	# 1
7.504	42	10612			0.06	ppbv	# 23

Quantitation Report (QT Reviewed)

can 744

Data Path : C:\msdchem\1\data\2019\April\041219\

Data File : 041219006.D

Acq On : 12 Apr 2019 6:00 pm

Operator :

Sample : Ambient dup

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 17:10:32 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	131787		20	ppbv	#	0.02
12.08	114	551839		20	ppbv		0.00
18.39	82	317411		20	ppbv	#	0.00
					Qvalue		
5.21	41	369732		1.87	ppbv	#	50
5.21	43	437000		13.35	ppbv		93
5.428	85	19802		0.04	ppbv		99
5.74	50	19605		0.11	ppbv		90
5.927	41	73000		0.28	ppbv	#	49
5.927	85	1030	m	Below	Cal		
0		0		N.D	.		
6.192	41	176864		0.19	ppbv		98
6.208	54	6418		Below	Cal	#	1
6.317	43	42449		0.16	ppbv	#	69
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	.		
6.867	31	11961624	m	Below	Cal		
7.124	106	683	m	Below	Cal		
7.103	41	15194		0.05	ppbv	#	24
7.206	56	7345		0.09	ppbv	#	97
7.309	43	865652		2.73	ppbv	#	71
7.329	41	42402		0.29	ppbv		92
7.473	101	30551		0.03	ppbv	#	92
7.514	45	137257		2.73	ppbv	#	1
7.534	42	5532	m	0.03	ppbv		

Quantitation Report (QT Reviewed)

can BTP1

Data Path : C:\msdchem\1\data\2019\April\041219\

Data File : 041219007.D

Acq On : 12 Apr 2019 6:59 pm

Operator :

Sample : System blank

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:35:24 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	122387		20	ppbv	# 0.02
12.08	114	513576		20	ppbv	0.00
18.39	82	261676		20	ppbv	# 0.00
					Qvalue	
5.132	41	55199		0.1	ppbv	# 65
5.194	43	41091	m	0.37	ppbv	
5.397	85	2121	m	Below	Cal	
5.724	50	6927		Below	Cal	# 43
5.927	41	50417		0.14	ppbv	# 33
0		0		N.D	.	
0		0		N.D	.	
6.192	41	172946		0.24	ppbv	98
6.208	54	7102		Below	Cal	# 1
6.317	43	20103		0.07	ppbv	# 69
0		0		N.D	. d	
6.613	94	512	m	Below	Cal	
6.613	41	1293	m	Below	Cal	
6.769	64	1022	m	Below	Cal	
6.867	31	1421069	m	Below	Cal	
7.114	106	611	m	Below	Cal	
7.093	41	20304		0.13	ppbv	# 24
7.196	56	5907	m	0.06	ppbv	
7.309	43	332931		0.91	ppbv	# 60
7.309	41	13559		0.08	ppbv	84
7.473	101	2862	m	Below	Cal	
7.514	45	29411		0.51	ppbv	# 1
7.555	42	3020	m	0.01	ppbv	

Quantitation Report (QT Reviewed)

can N1

Data Path : C:\msdchem\1\data\2019\April\041219\

Data File : 041219009.D

Acq On : 12 Apr 2019 8:57 pm

Operator :

Sample : Batch Blank 2

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:45:49 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.989	130	126245		20	ppbv	# 0.00
12.08	114	525389		20	ppbv	0.00
18.39	82	258096		20	ppbv	# 0.00
					Qvalue	
5.147	41	48860		0.06	ppbv #	71
5.194	43	30629	m	0.02	ppbv	
5.397	85	5296	m	Below	Cal	
5.724	50	8246	m	0.01	ppbv	
5.911	41	59669		0.2	ppbv #	17
0		0		N.D	.	
0		0		N.D	.	
6.192	41	166396		0.17	ppbv	99
6.192	54	5688		Below	Cal #	1
6.317	43	15506		0.04	ppbv #	69
0		0		N.D	. d	
6.566	94	565	m	Below	Cal	
0		0		N.D	. d	
6.753	64	1427	m	Below	Cal	
6.867	31	217390		2.18	ppbv #	96
7.113	106	665	m	Below	Cal	
7.083	41	25796		0.18	ppbv #	24
7.195	56	2988	m	Below	Cal	
7.298	43	512250		1.53	ppbv #	68
7.298	41	14427	m	0.09	ppbv	
7.473	101	6446		Below	Cal #	27
7.493	45	9192		0.07	ppbv #	1
7.545	42	745	m	Below	Cal	

Quantitation Report (QT Reviewed)

can RK8

Data Path : C:\msdchem\1\data\2019\April\041219\

Data File : 041219011.D

Acq On : 12 Apr 2019 10:56 pm

Operator :

Sample : Trip Blank

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:58:59 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	131642			20	ppbv	# 0.02
12.092	114	548026			20	ppbv	0.02
18.396	82	264052			20	ppbv	# 0.02
						Qvalue	
5.132	41	46060			0.03	ppbv	# 68
5.178	43	33478			0.07	ppbv	86
5.444	85	3270	m	Below		Cal	
5.74	50	5176	m	Below		Cal	
5.927	41	44934			0.07	ppbv	# 41
0		0		N.D		.	
0		0		N.D		.	
6.208	41	158632			0.08	ppbv	99
6.192	54	7142		Below		Cal	# 1
6.332	43	12088			0.03	ppbv	# 69
0		0		N.D		. d	
0		0		N.D		.	
0		0		N.D		. d	
6.785	64	589	m	Below		Cal	
6.877	31	38102	m		0.26	ppbv	
7.124	106	673	m	Below		Cal	
7.113	41	18707			0.09	ppbv	# 24
7.216	56	4216	m		0.01	ppbv	
7.319	43	271224			0.61	ppbv	# 60
7.319	41	8911	m		0.04	ppbv	
7.483	101	4298	m	Below		Cal	
7.514	45	9085			0.06	ppbv	# 1
7.565	42	675	m	Below		Cal	

Quantitation Report (QT Reviewed)

can 021

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219013.D
Acq On : 13 Apr 2019 12:53 am
Operator :
Sample : Field Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 14:53:18 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	126551		20	ppbv	# 0.02
12.08	114	534236		20	ppbv	0.00
18.39	82	261184		20	ppbv	# 0.00
					Qvalue	
5.178	41	88408		0.29	ppbv #	78
5.163	43	78041		1.45	ppbv	93
5.412	85	4481	m	Below	Cal	
5.724	50	6440		Below	Cal #	43
5.927	41	60987		0.21	ppbv #	19
0		0		N.D	.	
0		0		N.D	.	
6.192	41	170732		0.19	ppbv	98
6.192	54	7024		Below	Cal #	1
6.317	43	23353		0.08	ppbv #	69
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
6.753	64	596	m	Below	Cal	
6.867	31	8879870	m	Below	Cal	
7.103	106	845	m	Below	Cal	
7.093	41	15006	m	0.06	ppbv	
7.196	56	5452		0.05	ppbv #	13
7.309	43	424774		1.2	ppbv #	63
7.319	41	18789		0.12	ppbv	95
7.473	101	6040		Below	Cal #	27
7.504	45	68775		1.32	ppbv #	1
7.545	42	3864	m	0.02	ppbv	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519002.D
Acq On : 15 Apr 2019 7:00 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 14:07:21 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5)						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24)						1-Pentene

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10.002	130	129694		20	ppbv	# 0.02
12.092	114	537376		20	ppbv	0.02
18.396	82	252914		20	ppbv	# 0.01
					Qvalue	
5.132	41	44873		0.03	ppbv #	71
5.178	43	30993		0.01	ppbv #	59
5.428	85	1804	m	Below	Cal	
0		0		N.D	.	
5.942	41	37987		0.03	ppbv #	79
0		0		N.D	.	
0		0		N.D	.	
6.207	41	158447		0.1	ppbv	100
6.223	54	6231		Below	Cal #	1
6.317	43	8010		0.01	ppbv #	69
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	.	
6.887	31	6545		Below	Cal #	23
7.134	106	764	m	Below	Cal	
7.113	41	9983		Below	Cal #	24
7.226	56	905	m	Below	Cal	
7.329	43	63628		Below	Cal #	67
7.329	41	2957	m	Below	Cal	
7.483	101	2137	m	Below	Cal	
7.524	45	5278		Below	Cal #	1
0		0		N.D	. d	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519003.D
Acq On : 15 Apr 2019 7:57 pm
Operator :
Sample : 1 ppb
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 19 14:52:46 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8]						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.992	130	93233		20	ppbv	# 0.00
12.086	114	407894		20	ppbv	0.00
18.387	82	231464		20	ppbv	# 0.00
					Qvalue	
5.113	41	129809		0.81	ppbv #	86
5.162	43	47106		1.02	ppbv #	47
5.43	85	114426		0.73	ppbv	100
5.723	50	75464		0.97	ppbv	97
5.931	41	136149		1.19	ppbv	91
5.918	85	219606		0.98	ppbv	98
6.065	62	81222		0.99	ppbv	99
6.211	41	252461		1.23	ppbv	98
6.26	54	117409		0.99	ppbv #	62
6.333	43	188422		1.16	ppbv	98
6.443	41	124497		1.09	ppbv	97
6.602	94	66262		1.08	ppbv	96
6.626	41	128003		1.1	ppbv	98
6.773	64	40462		1.29	ppbv #	76
6.868	31	74619		0.92	ppbv #	100
7.125	106	59769		1.05	ppbv	98
7.094	41	82924		1.2	ppbv	97
7.207	56	29116		0.92	ppbv #	98
7.32	43	385286		1.56	ppbv #	87
7.341	41	115717		1.2	ppbv	98
7.474	101	248568		1.25	ppbv	97
7.505	45	73053		1.99	ppbv #	52
7.567	42	132958		1.14	ppbv	96

Quantitation Report (QT Reviewed)

can N1

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519005.D

Acq On : 15 Apr 2019 9:54 pm

Operator :

Sample : batch blank 1

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 15:30:26 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.99	130	129182		20	ppbv	# 0.00
12.08	114	542503		20	ppbv	0.00
18.39	82	274033		20	ppbv	# 0.00
					Qvalue	
5.132	41	43311		0.02	ppbv #	68
5.132	43	26979	m	Below	Cal	
5.428	85	2359	m	Below	Cal	
5.74	50	5340		Below	Cal #	43
5.927	41	42994		0.06	ppbv #	60
0		0		N.D	.	
0		0		N.D	.	
6.192	41	167655		0.15	ppbv	100
6.208	54	5296		Below	Cal #	1
6.332	43	10216		0.02	ppbv #	69
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	.	
6.867	31	27940		0.16	ppbv #	97
7.124	106	724	m	Below	Cal	
7.103	41	17851		0.08	ppbv #	24
7.206	56	3567	m	Below	Cal	
7.309	43	302578		0.74	ppbv #	60
7.319	41	10960		0.06	ppbv	88
7.473	101	3789	m	Below	Cal	
7.504	45	10718		0.1	ppbv #	1
7.565	42	1657	m	0	ppbv	

Quantitation Report (QT Reviewed)

can NP1

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519006.D

Acq On : 15 Apr 2019 10:53 pm

Operator :

Sample : Sample 1

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 15:24:16 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18)						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	139813		20	ppbv	# 0.02
12.092	114	568317		20	ppbv	0.02
18.39	82	307348		20	ppbv	# 0.00
					Qvalue	
5.225	41	512344		2.53	ppbv #	48
5.225	43	611442		19.24	ppbv	93
5.443	85	28157		0.08	ppbv	96
5.755	50	26292		0.17	ppbv	99
5.942	41	103071		0.46	ppbv #	29
0		0		N.D	.	
0		0		N.D	.	
6.223	41	172614		0.11	ppbv	99
6.223	54	6331		Below	Cal #	1
6.348	43	76103		0.29	ppbv	94
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	.	
6.877	31	40245838		Below	Cal #	97
7.124	106	734	m	Below	Cal	
0		0		N.D	. d	
7.216	56	10826		0.16	ppbv #	98
7.319	43	1236835		3.87	ppbv #	69
7.339	41	58472		0.38	ppbv	93
7.483	101	38272		0.05	ppbv	98
7.524	45	225493		4.49	ppbv #	1
7.545	42	6547	m	0.03	ppbv	

Quantitation Report (QT Reviewed)

can NP1

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519007.D

Acq On : 15 Apr 2019 11:51 pm

Operator :

Sample : Sample 1dup

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 15:21:37 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18)						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	138141		20	ppbv	# 0.02
12.092	114	557948		20	ppbv	0.02
18.39	82	306307		20	ppbv	# 0.00
					Qvalue	
5.225	41	527994		2.65	ppbv #	48
5.225	43	641340		20.92	ppbv	94
5.428	85	26704		0.07	ppbv	96
5.74	50	28261		0.19	ppbv	98
5.943	41	107949		0.51	ppbv #	31
0		0		N.D	.	
0		0		N.D	.	
6.208	41	178977		0.15	ppbv	97
6.223	54	8062		Below	Cal #	1
6.332	43	66453	m	0.25	ppbv	
0		0		N.D	. d	
6.629	94	625	m	Below	Cal	
0		0		N.D	. d	
0		0		N.D	.	
6.877	31	38594726	m	Below	Cal	
7.124	106	685	m	Below	Cal	
0		0		N.D	. d	
7.216	56	11029		0.16	ppbv #	99
7.319	43	1233717		3.91	ppbv #	69
7.339	41	58846		0.39	ppbv	92
7.483	101	38340		0.06	ppbv #	92
7.514	45	232493		4.72	ppbv #	1
7.545	42	8347	m	0.04	ppbv	

Quantitation Report (QT/LSC Reviewed)

can 721

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519009.D

Acq On : 16 Apr 2019 1:48 am

Operator :

Sample : Sample 2

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 14:37:56 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18)						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.99	130	144530		20	ppbv	#	0.00
12.08	114	566721		20	ppbv		0.00
18.384	82	322409		20	ppbv	#	0.00
					Qvalue		
5.225	41	4838935		29.88	ppbv	#	44
5.225	43	6813550		Below	Cal		85
5.412	85	31148		0.09	ppbv		99
5.724	50	28091		0.17	ppbv		96
5.927	41	396183		2.56	ppbv	#	84
0		0		N.D	.		
0		0		N.D	.		
6.192	41	201475		0.23	ppbv		99
6.223	54	9977		0	ppbv	#	1
6.317	43	121729		0.46	ppbv		97
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	.		
6.836	31	67861570	m	Below	Cal		
7.124	106	582	m	Below	Cal		
0		0		N.D	. d		
7.196	56	13922		0.22	ppbv	#	96
7.309	43	1209942		3.63	ppbv	#	67
7.319	41	48665		0.3	ppbv		90
7.473	101	38080		0.05	ppbv	#	89
7.504	45	681385		Below	Cal	#	1
7.545	42	12475	m	0.06	ppbv		

Quantitation Report (QT/LSC Reviewed)

can 2504

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519011.D

Acq On : 16 Apr 2019 3:45 am

Operator :

Sample : Sample 3

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 15:20:13 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.014	130	137653			20	ppbv	#	0.03
12.092	114	556621			20	ppbv		0.02
18.39	82	314252			20	ppbv	#	0.00
						Qvalue		
5.241	41	1492055			8.22	ppbv	#	47
5.241	43	2015253		Below		Cal		88
5.443	85	34582			0.11	ppbv		96
5.755	50	29968			0.2	ppbv		97
5.958	41	177896			1.02	ppbv	#	55
5.958	85	1598	m	Below		Cal		
0		0		N.D		.		
6.223	41	202290			0.28	ppbv		99
6.254	54	8204		Below		Cal	#	1
6.348	43	66453			0.25	ppbv		99
0		0		N.D		. d		
0		0		N.D		.		
0		0		N.D		. d		
0		0		N.D		.		
6.504	31	54193257		manually done		ppbv	#	39
7.144	106	756	m	Below		Cal		
7.113	41	27670			0.18	ppbv	#	24
7.226	56	8375			0.1	ppbv	#	100
7.329	43	1209959			3.84	ppbv	#	69
7.36	41	63504			0.42	ppbv		92
7.504	101	40234	m		0.06	ppbv		
7.524	45	725721	m	Below		Cal		
7.524	42	73188			0.42	ppbv	#	23

Quantitation Report (QT Reviewed)

can A378

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519013.D

Acq On : 16 Apr 2019 5:41 am

Operator :

Sample : Sample 4

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 15:50:39 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18)						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	146028		20	ppbv	# 0.02
12.08	114	574051		20	ppbv	0.00
18.39	82	325795		20	ppbv	# 0.00
					Qvalue	
5.225	41	1400107		7.19	ppbv	# 48
5.225	43	1909193		Below	Cal	88
5.412	85	31727		0.09	ppbv	100
5.74	50	31323		0.2	ppbv	97
5.927	41	213040	m	1.19	ppbv	
5.911	85	2361	m	Below	Cal	
0		0		N.D	.	
6.208	41	238293		0.41	ppbv	97
6.223	54	11392		0.01	ppbv	# 1
6.332	43	259406		1.01	ppbv	99
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	.	
6.836	31	72692591	m	Below	Cal	
7.124	106	814	m	Below	Cal	
0		0		N.D	. d	
7.206	56	22520		0.4	ppbv	# 98
7.309	43	1950596		6.32	ppbv	# 65
7.339	41	101397		0.65	ppbv	98
7.483	101	44970		0.07	ppbv	# 80
7.514	45	282245	m	5.56	ppbv	
7.535	42	15043	m	0.08	ppbv	

Quantitation Report (QT Reviewed)

can 262

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519015.D

Acq On : 16 Apr 2019 7:41 am

Operator :

Sample : Sample 5

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 09:36:36 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14]						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18)						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	148354		20	ppbv	# 0.02
12.092	114	578966		20	ppbv	0.02
18.39	82	322021		20	ppbv	# 0.00
					Qvalue	
5.225	41	1193970		5.95	ppbv	# 48
5.225	43	1574490	m	Below	Cal	
5.428	85	30919		0.08	ppbv	99
5.74	50	28352		0.17	ppbv	96
5.927	41	225396	m	1.25	ppbv	
5.896	85	1608	m	Below	Cal	
0		0		N.D	.	
6.192	41	245272		0.42	ppbv	94
6.239	54	11115		0.01	ppbv	# 1
6.332	43	274897		1.06	ppbv	99
0		0		N.D	. d	
0		0		N.D	.	
6.629	41	6107		0.02	ppbv	# 30
0		0		N.D	.	
6.836	31	75281331	m	Below	Cal	
7.124	106	794	m	Below	Cal	
0		0		N.D	. d	
7.206	56	23498		0.42	ppbv	# 99
7.309	43	3284695		12.19	ppbv	# 68
7.319	41	128783		0.82	ppbv	88
7.483	101	49722		0.08	ppbv	# 74
7.504	45	542578		13.56	ppbv	# 1
7.534	42	17340	m	0.09	ppbv	

Quantitation Report (QT Reviewed)

can 404

Data Path : C:\msdchem\1\data\2019\April\041519\

Data File : 041519017.D

Acq On : 16 Apr 2019 9:49 am

Operator :

Sample : Sample 6

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 09:55:22 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	135497		20	ppbv	# 0.02
12.08	114	550130		20	ppbv	0.00
18.384	82	321347		20	ppbv	# 0.00
					Qvalue	
5.225	41	1260021		6.96	ppbv	# 49
5.225	43	1657339		Below	Cal	88
5.412	85	29731		0.09	ppbv	100
5.74	50	29065		0.2	ppbv	97
5.927	41	247969	m	1.58	ppbv	
5.942	85	2017	m	Below	Cal	
0		0		N.D	.	
6.207	41	273018		0.7	ppbv	98
6.239	54	13877		0.03	ppbv	# 1
6.332	43	206738		0.86	ppbv	94
6.441	41	4763	m	0.01	ppbv	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	.	
6.846	31	62448277	m	Below	Cal	
7.134	106	691	m	Below	Cal	
7.083	41	34543		0.25	ppbv	# 24
7.206	56	22291		0.44	ppbv	# 98
7.308	43	2590944		9.95	ppbv	# 67
7.329	41	134284		0.95	ppbv	96
7.483	101	50474		0.1	ppbv	# 74
7.504	45	470863		12.38	ppbv	# 1
7.545	42	14026	m	0.08	ppbv	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619002.D
Acq On : 16 Apr 2019 6:58 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 10:47:01 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5)						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10)						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14]						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22)						Trichlorofluoromethane
23)						Isopropyl Alcohol
24)						1-Pentene

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10.002	130	111253			20	ppbv	# 0.02
12.092	114	476992			20	ppbv	0.02
18.396	82	219049			20	ppbv	# 0.01
						Qvalue	
5.163	41	35689			0.01	ppbv	# 70
5.147	43	27734			0.05	ppbv	91
5.397	85	1881	m	Below		Cal	
0		0		N.D		.	
5.942	41	32773			0.03	ppbv	84
0		0		N.D		.	
0		0		N.D		.	
6.192	41	143144			0.15	ppbv	97
0		0		N.D		.	
6.332	43	7582			0.01	ppbv	# 69
0		0		N.D		. d	
0		0		N.D		.	
6.192	41	124434			0.89	ppbv	# 84
0		0		N.D		.	
6.888	31	11190			0.01	ppbv	# 97
7.124	106	683	m	Below		Cal	
7.103	41	8835		Below		Cal	# 24
7.226	56	830	m	Below		Cal	
7.319	43	45761		Below		Cal	# 71
7.319	41	3371	m		0.01	ppbv	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619003.D
Acq On : 16 Apr 2019 7:57 pm
Operator :
Sample : 1 ppb
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 10:01:10 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8]						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

10.003	130	78554	20	ppbv	#	0.02
12.085	114	358591	20	ppbv		0.00
18.39	82	200432	20	ppbv	#	0.00

						Qvalue
5.113	41	101784	0.73	ppbv	#	85
5.162	43	38732	0.97	ppbv		89
5.418	85	93568	0.71	ppbv		100
5.723	50	59981	0.91	ppbv		97
5.943	41	114888	1.2	ppbv		97
5.931	85	191223	1.02	ppbv		98
6.077	62	70223	1.02	ppbv		98
6.211	41	211314	1.22	ppbv		100
6.26	54	100480	1.01	ppbv	#	60
6.333	43	163470	1.2	ppbv		99
6.455	41	105164	1.1	ppbv		98
6.614	94	59128	1.15	ppbv		97
6.639	41	107847	1.1	ppbv		98
6.785	64	35191	1.35	ppbv	#	76
6.889	31	68476	1.02	ppbv	#	98
7.125	106	51459	1.07	ppbv		100
7.094	41	72698	1.25	ppbv		91
7.218	56	24842	0.93	ppbv	#	94
7.33	43	299673	1.42	ppbv	#	91
7.351	41	100415	1.23	ppbv		98
7.484	101	222706	1.34	ppbv		97
7.515	45	59209	1.9	ppbv	#	58
7.567	42	116582	1.19	ppbv		97

Quantitation Report (QT Reviewed)

can 068

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619005.D

Acq On : 16 Apr 2019 9:57 pm

Operator :

Sample : batch blank 1

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 10:56:15 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10)						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24)						1-Pentene

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10.002	130	110994			20	ppbv	# 0.02
12.092	114	463757			20	ppbv	0.02
18.396	82	231970			20	ppbv	# 0.02
						Qvalue	
5.147	41	40895			0.04	ppbv	# 71
5.163	43	29066			0.09	ppbv	98
5.412	85	3990	m	Below		Cal	
5.724	50	9017			0.03	ppbv	# 43
5.927	41	55897			0.23	ppbv	# 11
0		0		N.D		.	
0		0		N.D		.	
6.208	41	162729			0.28	ppbv	98
0		0		N.D		.	
6.332	43	13921			0.05	ppbv	# 69
0		0		N.D		. d	
6.597	94	638	m	Below		Cal	
0		0		N.D		. d	
6.769	64	1449	m	Below		Cal	
6.867	31	219308			2.54	ppbv	# 92
7.124	106	735	m	Below		Cal	
7.103	41	21588			0.17	ppbv	# 24
7.216	56	3057	m	Below		Cal	
7.319	43	540050			1.91	ppbv	# 71
7.319	41	16383			0.12	ppbv	# 81
7.483	101	5624		Below		Cal	# 27
7.504	45	8320			0.08	ppbv	# 1
0		0		N.D		. d	

Quantitation Report (QT Reviewed)

can 751

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619006.D

Acq On : 16 Apr 2019 11:02 pm

Operator :

Sample : Sample 7

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 11:00:45 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.99	130	137624		20	ppbv	# 0.00
12.08	114	547675		20	ppbv	0.00
18.384	82	316449		20	ppbv	# 0.00
					Qvalue	
5.21	41	935365		4.96	ppbv #	49
5.225	43	1108809	m	Below	Cal	
5.412	85	26700		0.07	ppbv	99
5.724	50	24991		0.16	ppbv	98
5.911	41	249035		1.56	ppbv #	1
5.911	85	1779	m	Below	Cal	
0		0		N.D	.	
6.192	41	292344		0.78	ppbv	95
6.239	54	15683		0.04	ppbv #	1
6.317	43	174793		0.71	ppbv	96
0		0		N.D	. d	
6.582	94	706	m	Below	Cal	
0		0		N.D	. d	
6.769	64	953	m	Below	Cal	
6.826	31	76961020	m	Below	Cal	
7.124	106	746	m	Below	Cal	
7.072	41	74009		0.67	ppbv #	9
7.196	56	38041		0.8	ppbv #	97
7.298	43	3503903		15.15	ppbv #	68
7.309	41	158051		1.1	ppbv	94
7.473	101	45416		0.08	ppbv #	80
7.493	45	1029015	m	Below	Cal	
7.534	42	24712	m	0.14	ppbv	

Quantitation Report (QT Reviewed)

can 751

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619007.D

Acq On : 17 Apr 2019 12:08 am

Operator :

Sample : Sample 7dup

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 11:04:46 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.99	130	136984		20	ppbv	# 0.00
12.08	114	537343		20	ppbv	0.00
18.39	82	308318		20	ppbv	# 0.00
					Qvalue	
5.21	41	1072650		5.78	ppbv #	51
5.21	43	1248294	m	Below	Cal	
5.412	85	30674		0.09	ppbv	94
5.724	50	28640		0.19	ppbv	90
5.927	41	254373		1.61	ppbv #	1
5.911	85	1985	m	Below	Cal	
0		0		N.D	.	
6.192	41	305242		0.86	ppbv	96
6.223	54	15707		0.04	ppbv #	1
6.317	43	189714		0.78	ppbv	97
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
6.753	64	1244	m	Below	Cal	
6.826	31	79508670	m	Below	Cal	
7.114	106	829	m	Below	Cal	
7.073	41	78533	m	0.72	ppbv	
7.196	56	39389		0.84	ppbv #	99
7.298	43	3537632		15.52	ppbv #	68
7.319	41	161108		1.13	ppbv	94
7.473	101	44018		0.08	ppbv #	80
7.504	45	947292	m	Below	Cal	
7.535	42	34875	m	0.19	ppbv	

Quantitation Report (QT Reviewed)

can MTC48

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619009.D

Acq On : 17 Apr 2019 2:15 am

Operator :

Sample : Sample 8

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 11:18:49 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.99	130	128421		20	ppbv	# 0.00
12.08	114	510062		20	ppbv	0.00
18.39	82	307072		20	ppbv	# 0.00
					Qvalue	
5.21	41	1251904		7.32	ppbv #	56
5.225	43	1478778	m	Below	Cal	
5.412	85	28732		0.09	ppbv	99
5.724	50	30352		0.23	ppbv	97
5.927	41	274052		1.9	ppbv #	1
0		0		N.D	.	
0		0		N.D	.	
6.192	41	415725		1.65	ppbv	96
6.239	54	22472		0.09	ppbv #	1
6.317	43	119295		0.51	ppbv #	91
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	. d	
6.769	64	1163	m	Below	Cal	
6.836	31	66564043	m	Below	Cal	
7.124	106	766	m	Below	Cal	
7.072	41	49996		0.45	ppbv #	24
7.196	56	46853		1.1	ppbv #	99
7.298	43	4817402		Below	Cal #	67
7.309	41	194638		1.48	ppbv	94
7.473	101	39387		0.07	ppbv #	84
7.504	45	721417	m	Below	Cal	
7.524	42	31640	m	0.19	ppbv	

Quantitation Report (QT Reviewed)

can 700

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619011.D

Acq On : 17 Apr 2019 4:14 am

Operator :

Sample : Sample 9

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 17:05:59 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	119857		20	ppbv	#	0.02
12.08	114	492091		20	ppbv		0.00
18.39	82	291641		20	ppbv	#	0.00
					Qvalue		
5.163	41	1123322		7.02	ppbv	#	55
5.194	43	1393443		Below	Cal		89
5.412	85	28315		0.1	ppbv		99
5.709	50	30377		0.25	ppbv		94
5.927	41	254692		1.89	ppbv	#	1
5.911	85	1195	m	Below	Cal		
0		0		N.D	.		
6.192	41	408195		1.79	ppbv		97
6.223	54	19382		0.08	ppbv	#	1
6.332	43	109800		0.5	ppbv		94
6.442	41	9540		0.05	ppbv	#	31
6.598	94	490	m	Below	Cal		
6.629	41	6586	m	0.03	ppbv		
6.769	64	1422	m	Below	Cal		
6.847	31	56386509	m	Below	Cal		
7.114	106	666	m	Below	Cal		
7.083	41	39004		0.36	ppbv	#	24
7.196	56	48945		1.24	ppbv	#	99
7.309	43	2967013		14.46	ppbv	#	63
7.319	41	132627		1.06	ppbv		90
7.473	101	34533		0.06	ppbv	#	88
7.504	45	1474913		Below	Cal	#	1
7.535	42	22001	m	0.14	ppbv		

Quantitation Report (QT Reviewed)

can 2521

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619013.D

Acq On : 17 Apr 2019 6:14 am

Operator :

Sample : Sample 10

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 09:52:48 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.014	130	116042			20	ppbv	# 0.03
12.092	114	479799			20	ppbv	0.02
18.396	82	268095			20	ppbv	# 0.01
						Qvalue	
5.225	41	1106460			7.15	ppbv #	51
5.225	43	1399630	m	Below		Cal	
5.428	85	27488			0.1	ppbv	98
5.724	50	31074			0.27	ppbv	98
5.942	41	221723			1.66	ppbv #	1
5.942	85	2093	m	Below		Cal	
0		0		N.D		.	
6.208	41	284166			1.03	ppbv	96
6.223	54	12914			0.04	ppbv #	1
6.348	43	66340			0.3	ppbv	99
6.457	41	6270			0.03	ppbv #	31
6.613	94	652	m	Below		Cal	
6.208	41	221844			1.55	ppbv	96
6.8	64	1131	m	Below		Cal	
6.504	31	55972259	m	manually done		ppbv #	23
7.134	106	710	m	Below		Cal	
7.103	41	36953			0.35	ppbv #	24
7.216	56	30964			0.77	ppbv #	100
7.329	43	2314687			10.53	ppbv #	68
7.35	41	114592			0.94	ppbv	97
7.493	101	34011			0.06	ppbv #	91
7.524	45	676139		Below		Cal #	1
7.555	42	21799	m		0.14	ppbv	

Quantitation Report (QT Reviewed)

can 651

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619015.D

Acq On : 17 Apr 2019 8:15 am

Operator :

Sample : Sample 11

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 10:22:51 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9)						1-Butene
10)						1,3-Butadiene
11)						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.014	130	111359		20	ppbv	#-0.03
12.092	114	465446		20	ppbv	-0.05
18.396	82	241073		20	ppbv	#-0.03
					Qvalue	
5.225	41	763345	m	5.01	ppbv	
5.21	43	1023340	m	Below	Cal	
5.755	85	3351	m	Below	Cal	
5.74	50	28908		0.26	ppbv	98
6.208	41	213263		1.67	ppbv #	27
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	.	
6.877	31	46717513		Below	Cal #	91
7.144	106	721	m	Below	Cal	
7.103	41	19304	m	0.14	ppbv	
7.216	56	21392	m	0.53	ppbv	
7.319	43	1695582		7.42	ppbv #	66
7.339	41	76062		0.64	ppbv	99
7.493	101	30870		0.06	ppbv #	93
7.524	45	1019593		Below	Cal #	1
7.565	42	14520	m	0.1	ppbv	

Quantitation Report (QT Reviewed)

can 793

Data Path : C:\msdchem\1\data\2019\April\041619\

Data File : 041619017.D

Acq On : 17 Apr 2019 10:16 am

Operator :

Sample : Sample 12

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 10:41:16 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.014	130	111485			20	ppbv	# 0.03
12.092	114	458232			20	ppbv	0.02
18.396	82	251044			20	ppbv	# 0.02
						Qvalue	
5.147	41	493245			3.11	ppbv	# 53
5.163	43	590022			25.46	ppbv	93
5.397	85	25183			0.09	ppbv	99
5.709	50	24132			0.2	ppbv	99
5.927	41	187038			1.42	ppbv	# 1
5.943	85	1443	m	Below		Cal	
0		0		N.D		.	
6.192	41	162589			0.27	ppbv	95
6.208	54	7311		Below		Cal	# 1
6.332	43	59053			0.28	ppbv	98
0		0		N.D		. d	
6.613	94	11558	m		0.07	ppbv	
0		0		N.D		. d	
6.785	64	527	m	Below		Cal	
6.488	31	49521442	m	manually done		ppbv	# 23
7.134	106	522	m	Below		Cal	
7.093	41	31853			0.3	ppbv	# 24
7.216	56	25492			0.65	ppbv	# 98
7.319	43	955890			3.73	ppbv	# 65
7.339	41	50369			0.41	ppbv	92
7.493	101	29996			0.05	ppbv	# 93
7.524	45	135878	m		3.26	ppbv	
7.545	42	11679	m		0.08	ppbv	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719002.D
Acq On : 17 Apr 2019 4:36 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 11:00:46 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5)						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10)						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24)						1-Pentene

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10.014	130	104590			20	ppbv	# 0.03
12.104	114	451638			20	ppbv	0.03
18.402	82	198527			20	ppbv	# 0.02
						Qvalue	
5.132	41	35831			0.02	ppbv	# 69
5.163	43	26693			0.07	ppbv	# 79
5.428	85	1653	m	Below		Cal	
0		0		N.D		.	
5.943	41	29391			0.01	ppbv	85
0		0		N.D		.	
0		0		N.D		.	
6.208	41	133524			0.14	ppbv	99
0		0		N.D		.	
6.348	43	5777			0.01	ppbv	# 69
0		0		N.D		. d	
0		0		N.D		.	
0		0		N.D		. d	
0		0		N.D		.	
6.898	31	11997			0.03	ppbv	# 99
7.144	106	479	m	Below		Cal	
7.144	41	7509		Below		Cal	# 24
7.247	56	783	m	Below		Cal	
7.339	43	39576		Below		Cal	# 70
7.35	41	2259	m	Below		Cal	
7.504	101	1449	m	Below		Cal	
7.534	45	2940	m	Below		Cal	
0		0		N.D		.	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719003.D
Acq On : 17 Apr 2019 5:34 pm
Operator :
Sample : 1 ppb
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 10:48:31 2019
Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 16 14:37:37 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8]						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.003	130	74588		20	ppbv	#	0.02
12.085	114	338934		20	ppbv		0.00
18.391	82	185270		20	ppbv	#	0.00
					Qvalue		
5.101	41	94985	m	0.72	ppbv		
5.162	43	35364		0.9	ppbv		91
5.394	85	88746		0.71	ppbv		100
5.711	50	54752		0.87	ppbv		99
5.943	41	107024		1.17	ppbv		100
5.919	85	176832		0.99	ppbv		98
6.065	62	64530		0.98	ppbv		99
6.199	41	198912		1.2	ppbv		98
6.248	54	92763		0.98	ppbv	#	62
6.321	43	142964		1.1	ppbv		99
6.456	41	97198		1.07	ppbv		97
6.602	94	54155		1.1	ppbv		97
6.639	41	100744		1.08	ppbv		98
6.773	64	32771		1.31	ppbv	#	76
6.879	31	61982		0.96	ppbv	#	100
7.125	106	46901		1.03	ppbv		97
7.094	41	65632		1.18	ppbv		94
7.207	56	22750		0.9	ppbv	#	94
7.32	43	269218		1.32	ppbv	#	91
7.351	41	93184		1.21	ppbv		97
7.485	101	207030		1.31	ppbv		99
7.515	45	54474		1.84	ppbv	#	57
7.567	42	107827		1.16	ppbv		96

Quantitation Report (QT Reviewed)

Can 068

Data Path : C:\msdchem\1\data\2019\April\041719\

Data File : 041719005.D

Acq On : 17 Apr 2019 7:33 pm

Operator :

Sample : batch blank 1

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 11:18:35 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7)						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14]						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	100268			20	ppbv	# 0.02
12.08	114	438288			20	ppbv	0.00
18.39	82	224873			20	ppbv	# 0.00
						Qvalue	
5.116	41	37538			0.05	ppbv	# 68
5.116	43	28386			0.17	ppbv	98
5.381	85	2019	m	Below		Cal	
5.724	50	3034	m	Below		Cal	
5.927	41	36832			0.1	ppbv	# 75
0		0		N.D		.	
0		0		N.D		.	
6.192	41	144299			0.26	ppbv	100
6.192	54	5119		Below		Cal	# 1
6.317	43	10745			0.04	ppbv	# 69
0		0		N.D		. d	
0		0		N.D		.	
6.192	41	105788			0.84	ppbv	90
0		0		N.D		.	
6.877	31	495335			7.47	ppbv	# 99
7.113	106	596	m	Below		Cal	
7.103	41	15745			0.11	ppbv	# 24
7.206	56	2663	m	Below		Cal	
7.308	43	259546			0.85	ppbv	# 60
7.319	41	9438			0.07	ppbv	84
7.473	101	3059	m	Below		Cal	
7.504	45	11262			0.17	ppbv	# 1
7.565	42	274	m	Below		Cal	

Quantitation Report (QT Reviewed)

Can RK9

Data Path : C:\msdchem\1\data\2019\April\041719\

Data File : 041719006.D

Acq On : 17 Apr 2019 8:33 pm

Operator :

Sample : Sample 13

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 12:07:08 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18)						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	104962		20	ppbv	#	0.02
12.08	114	434422		20	ppbv		0.00
18.39	82	228908		20	ppbv	#	0.00
					Qvalue		
5.147	41	541292		3.68	ppbv	#	48
5.163	43	644125		33.07	ppbv		92
5.412	85	21547		0.08	ppbv	#	42
5.709	50	20517		0.17	ppbv		97
5.927	41	174676		1.4	ppbv	#	1
5.896	85	1551	m	Below	Cal		
0		0		N.D	.		
6.176	41	163376		0.35	ppbv		96
6.192	54	6894		Below	Cal	#	1
6.317	43	110593		0.59	ppbv	#	93
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	. d		
6.769	64	852	m	Below	Cal		
6.877	31	37759032	m	Below	Cal		
7.113	106	534	m	Below	Cal		
0		0		N.D	. d		
7.206	56	12683		0.3	ppbv	#	100
7.309	43	1257755	m	5.54	ppbv		
7.329	41	80423		0.72	ppbv		99
7.473	101	31256		0.07	ppbv	#	94
7.504	45	400249		14.75	ppbv	#	1
7.545	42	10142	m	0.07	ppbv		

Quantitation Report (QT Reviewed)

Can RK9

Data Path : C:\msdchem\1\data\2019\April\041719\

Data File : 041719007.D

Acq On : 17 Apr 2019 9:32 pm

Operator :

Sample : Sample 13dup

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 15:19:22 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13]						Bromomethane
14)						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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9.99	130	108832		20	ppbv	# 0.00
12.08	114	454679		20	ppbv	0.00
18.39	82	232245		20	ppbv	# 0.00
					Qvalue	
5.132	41	555228		3.63	ppbv #	49
5.147	43	662251		32.51	ppbv	93
5.366	85	22138		0.08	ppbv	95
5.693	50	19990		0.16	ppbv	99
5.911	41	190266		1.49	ppbv #	1
5.896	85	1645	m	Below	Cal	
0		0		N.D	.	
6.176	41	154002		0.24	ppbv	94
6.176	54	5919	m	Below	Cal	
6.301	43	111199		0.57	ppbv #	93
0		0		N.D	. d	
6.597	94	496	m	Below	Cal	
0		0		N.D	. d	
6.769	64	1079	m	Below	Cal	
6.857	31	38875953	m	Below	Cal	
7.113	106	709	m	Below	Cal	
7.072	41	24045		0.21	ppbv #	24
7.196	56	12134		0.27	ppbv #	95
7.298	43	1234330		5.19	ppbv #	68
7.319	41	81401		0.7	ppbv	95
7.463	101	31433		0.06	ppbv #	93
7.504	45	412014		14.53	ppbv #	1
7.524	42	11781	m	0.08	ppbv	

Quantitation Report (QT Reviewed)

Can 253

Data Path : C:\msdchem\1\data\2019\April\041719\

Data File : 041719009.D

Acq On : 17 Apr 2019 11:32 pm

Operator :

Sample : Sample 14

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 09:24:14 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	109293			20	ppbv	# 0.02
12.092	114	447228			20	ppbv	0.02
18.39	82	247112			20	ppbv	# 0.00
						Qvalue	
5.21	41	879018			5.95	ppbv	# 51
5.21	43	1072854	m	Below		Cal	
5.397	85	24165			0.09	ppbv	100
5.724	50	23633			0.2	ppbv	98
5.927	41	228185	m		1.85	ppbv	
5.911	85	1278	m	Below		Cal	
0		0		N.D		.	
6.192	41	190350			0.49	ppbv	97
6.223	54	11187			0.03	ppbv	# 1
6.332	43	159876			0.83	ppbv	# 93
6.442	41	9857	m		0.06	ppbv	
0		0		N.D		.	
6.629	41	6791			0.04	ppbv	# 30
6.769	64	567	m	Below		Cal	
6.857	31	50136212	m	Below		Cal	
7.124	106	657	m	Below		Cal	
7.083	41	30567			0.29	ppbv	# 24
7.196	56	18909			0.46	ppbv	# 99
7.309	43	1648053			7.33	ppbv	# 69
7.339	41	127178			1.12	ppbv	95
7.483	101	30089			0.06	ppbv	# 92
7.514	45	879033	m	Below		Cal	
7.545	42	16213	m		0.11	ppbv	

Quantitation Report (QT Reviewed)

Can 723

Data Path : C:\msdchem\1\data\2019\April\041719\

Data File : 041719011.D

Acq On : 18 Apr 2019 1:30 am

Operator :

Sample : Sample 15

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 16:02:31 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14]						cis-2-butene
15]						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	107545		20	ppbv	# 0.02
12.092	114	445816		20	ppbv	0.02
18.396	82	244124		20	ppbv	# 0.01
					Qvalue	
5.194	41	555924		3.69	ppbv #	54
5.194	43	665016		33.59	ppbv	93
5.412	85	22828		0.08	ppbv	95
5.709	50	23118		0.2	ppbv	95
5.927	41	139837		1.03	ppbv #	1
5.896	85	1283	m	Below	Cal	
0		0		N.D	.	
6.192	41	168669		0.36	ppbv	96
6.239	54	8113		0.01	ppbv #	1
6.317	43	64076		0.32	ppbv	94
0		0		N.D	. d	
0		0		N.D	.	
6.192	41	104714		0.77	ppbv	93
6.769	64	625	m	Below	Cal	
6.877	31	24172998	m	Below	Cal	
7.124	106	560	m	Below	Cal	
7.093	41	17576	m	0.12	ppbv	
7.196	56	12156		0.27	ppbv #	99
7.308	43	866436		3.47	ppbv #	68
7.339	41	55840		0.48	ppbv	93
7.473	101	28910		0.05	ppbv #	91
7.514	45	282596		8.19	ppbv #	1
7.504	42	27575		0.2	ppbv #	23

Quantitation Report (QT Reviewed)

Can 321

Data Path : C:\msdchem\1\data\2019\April\041719\

Data File : 041719013.D

Acq On : 18 Apr 2019 3:31 am

Operator :

Sample : Sample 16

Misc :

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 16:23:24 2019

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M

Quant Title : TO15-PAMS

QLast Update : Tue Apr 16 14:37:37 2019

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Inte						rnal Standards
1)						Bromochloromethane
62)						1,4-Difluorobenzene
89)						Chlorobenzene-d5
Targ						et Compounds
2]						Propylene
3]						Propane
4]						Dichlorodifluoromethane
5]						Chloromethane
6]						Isobutane
7]						Dichlorotetrafluoroethane
8)						Vinyl Chloride
9]						1-Butene
10]						1,3-Butadiene
11]						Butane
12)						trans-2-butene
13)						Bromomethane
14]						cis-2-butene
15)						Chloroethane
16]						Ethanol
17]						Vinyl Bromide
18]						Acetonitrile
19]						Acrolein
20]						Acetone
21]						iso-Pentane
22]						Trichlorofluoromethane
23]						Isopropyl Alcohol
24]						1-Pentene

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10.002	130	108462			20	ppbv	# 0.02
12.08	114	453689			20	ppbv	0.00
18.39	82	267495			20	ppbv	# 0.00
						Qvalue	
5.21	41	819733			5.56	ppbv	# 51
5.21	43	1026566		Below		Cal	90
5.412	85	22290			0.08	ppbv	100
5.724	50	20949			0.17	ppbv	92
5.927	41	153835			1.15	ppbv	# 1
5.896	85	941	m	Below		Cal	
0		0		N.D		.	
6.192	41	164856			0.32	ppbv	95
6.192	54	7336			0	ppbv	# 1
6.317	43	55028			0.27	ppbv	96
6.441	41	5137	m		0.02	ppbv	
0		0		N.D		.	
6.629	41	4389	m		0.02	ppbv	
0		0		N.D		.	
6.867	31	26349209	m	Below		Cal	
7.124	106	693	m	Below		Cal	
7.083	41	10545	m		0.03	ppbv	
7.196	56	11654			0.25	ppbv	# 96
7.308	43	990035			4.02	ppbv	# 69
7.329	41	68047			0.59	ppbv	97
7.473	101	26147			0.04	ppbv	# 93
7.504	45	780363		Below		Cal	# 1
7.545	42	8648	m		0.06	ppbv	

041219003.D	1 ppb
041219004.D	Ambient
041219006.D	Ambient dup
041219007.D	System blank
041219009.D	Batch Blank 2
041219011.D	Trip Blank
041219013.D	Field Blank
041519002.D	Inst blank
041519003.D	1 ppb
041519005.D	batch blank 1
041519006.D	Sample 1
041519007.D	Sample 1dup
041519009.D	Sample 2
041519011.D	Sample 3
041519013.D	Sample 4
041519015.D	Sample 5
041519017.D	Sample 6
041619002.D	Inst blank
041619003.D	1 ppb
041619005.D	batch blank 1
041619006.D	Sample 7
041619007.D	Sample 7dup
041619009.D	Sample 8
041619011.D	Sample 9
041619013.D	Sample 10
041619015.D	Sample 11
041619017.D	Sample 12
041719002.D	Inst blank
041719003.D	1 ppb
041719005.D	batch blank 1
041719006.D	Sample 13
041719007.D	Sample 13dup
041719009.D	Sample 14
041719011.D	Sample 15
041719013.D	Sample 16

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40]	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48]	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67]	1,2-Dichloropropane
68]	Ethyl acrylate
69]	Bromodichloromethane
70]	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.7	53	45383		1.03	ppbv	89
7.741	43	170730	m	1.18	ppbv	
7.837	67	90991		1.07	ppbv	97
7.869	55	162466		1.09	ppbv	99
8.009	55	158564		1.08	ppbv	100
7.998	59	155898		1.07	ppbv	99
7.988	61	133827		1.13	ppbv	100
8.084	84	62205		0.97	ppbv	98
8.17	41	92944		1	ppbv	99
8.289	101	156832		1.18	ppbv	99
8.385	76	314893		2.13	ppbv #	1
8.439	71	111310		1.5	ppbv	96
8.868	61	110366		1.14	ppbv	99
9.112	70	21640		0.52	ppbv	100
9.1	71	20030	m	0.54	ppbv	
9.051	63	148842		1.14	ppbv	98
9.088	73	129562		0.88	ppbv #	72
9.1	43	236270		1.01	ppbv	99
9.186	71	17101		0.32	ppbv #	1
9.405	43	103516		1.04	ppbv #	80
9.564	57	68075		0.85	ppbv #	78
9.576	53	99400		0.85	ppbv #	48
9.698	56	30738		0.79	ppbv #	72
9.82	61	50808		0.83	ppbv	98
9.991	45	165329		0.84	ppbv	97
10.016	88	3431	m	1	ppbv	
10.003	57	107797		0.86	ppbv	79
10.113	83	93887		0.79	ppbv	100
10.534	42	52399		0.88	ppbv	91
10.542	59	113789		0.79	ppbv	98
10.893	69	21925		0.83	ppbv #	53
10.885	62	111301		0.9	ppbv	99
10.919	43	117206		0.94	ppbv #	61
11.167	97	126271		0.88	ppbv	100
11.682	78	137938		0.83	ppbv	96
11.865	117	136043		0.77	ppbv	99
12.024	41	107034		0.89	ppbv #	97
12.17	43	105755		1	ppbv	94
12.28	56	62443		0.9	ppbv #	71
12.378	73	70203		0.85	ppbv #	79
12.488	43	89697		1.02	ppbv	95
12.683	63	33001		0.92	ppbv	99
12.671	55	42678		0.76	ppbv #	73
12.939	83	102376		0.91	ppbv	98
13.037	88	8947		0.72	ppbv #	6
13	130	29197		0.89	ppbv	96
13.025	57	353555		0.89	ppbv	93

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.76	53	1151	m	Below	Cal		
7.75	43	53621		0.25	ppbv	#	96
7.846	67	5735		0.04	ppbv	#	1
7.868	55	844	m	0	ppbv		
8.018	55	1444	m	0.01	ppbv		
8.008	59	15224		0.02	ppbv	#	78
0		0		N.D	.		
8.083	84	4491	m	Below	Cal		
8.18	41	1121	m	Below	Cal		
8.287	101	4635	m	Below	Cal		
8.395	76	7280		Below	Cal	#	43
8.438	71	839	m	Below	Cal		
8.867	61	1398	m	Below	Cal		
9.147	70	3323	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
9.099	73	4246	m	Below	Cal		
9.147	43	66291		0.12	ppbv	#	75
0		0		N.D	.		
9.404	43	302067		2.13	ppbv	#	80
9.55	57	1481	m	0.02	ppbv		
0		0		N.D	.		
9.697	56	510	m	0.02	ppbv		
0		0		N.D	.	d	
10.002	45	13485		0.06	ppbv	#	71
10.014	88	1676	m	0.37	ppbv		
10.002	57	1509	m	Below	Cal		
10.112	83	589	m	Below	Cal		
10.541	42	2676	m	0.06	ppbv		
0		0		N.D	.		
10.909	69	329	m	0.02	ppbv		
10.874	62	860	m	Below	Cal		
10.926	43	1195	m	0.02	ppbv		
11.174	97	281	m	Below	Cal		
11.689	78	5479	m	Below	Cal		
11.872	117	3733	m	Below	Cal		
0		0		N.D	.		
12.165	43	4324	m	0.04	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
12.483	43	3017	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
12.946	83	1780	m	Below	Cal		
0		0		N.D	.		
13.007	130	1479	m	0.04	ppbv		
13.032	57	1999	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45)	3-Methylpentane
46)	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	1063	m	Below		Cal	
7.75	43	45889		0.22	ppbv	#	96
7.846	67	5372		0.04	ppbv	#	1
7.868	55	1079	m	0	ppbv		
8.018	55	1579	m	0.01	ppbv		
8.018	59	13199		0.01	ppbv	#	78
0		0		N.D		.	
8.094	84	4007	m	Below		Cal	
8.201	41	881	m	Below		Cal	
8.298	101	5416		Below		Cal	# 17
8.384	76	6023	m	Below		Cal	
8.459	71	883	m	Below		Cal	
8.879	61	1211	m	Below		Cal	
9.16	70	3504	m	0.05	ppbv		
0		0		N.D		.	
0		0		N.D		.	
9.111	73	3777	m	Below		Cal	
9.148	43	61893		0.11	ppbv	#	80
0		0		N.D		.	
9.404	43	438611		3.2	ppbv		95
0		0		N.D		. d	
0		0		N.D		.	
9.709	56	444	m	0.01	ppbv		
0		0		N.D		. d	
10.014	45	12157		0.05	ppbv	#	71
10.014	88	1785	m	0.4	ppbv		
0		0		N.D		.	
10.124	83	570	m	Below		Cal	
10.541	42	1997	m	0.05	ppbv		
0		0		N.D		.	
10.917	69	290	m	0.02	ppbv		
10.883	62	792	m	Below		Cal	
10.917	43	971	m	0.02	ppbv		
11.174	97	248	m	Below		Cal	
11.677	78	5003	m	Below		Cal	
11.872	117	3724	m	Below		Cal	
0		0		N.D		.	
12.165	43	3503	m	0.03	ppbv		
0		0		N.D		. d	
0		0		N.D		. d	
12.483	43	2666	m	0.03	ppbv		
0		0		N.D		.	
0		0		N.D		.	
12.946	83	1616	m	Below		Cal	
0		0		N.D		.	
12.995	130	1423	m	0.04	ppbv		
13.02	57	1769	m	0.07	ppbv		

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.		
7.75	43	10531		0.05	ppbv	#	66
7.846	67	941	m	0	ppbv		
7.868	55	985	m	0	ppbv		
8.018	55	1263	m	0.01	ppbv		
8.008	59	11637		0.01	ppbv	#	32
8.363	61	39204		0.2	ppbv	#	32
8.094	84	1105	m	Below	Cal		
8.19	41	942	m	Below	Cal		
8.287	101	742	m	Below	Cal		
8.384	76	7369	m	Below	Cal		
8.449	71	597	m	Below	Cal		
8.879	61	1154	m	Below	Cal		
9.16	70	1857	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
9.099	73	3933	m	Below	Cal		
9.148	43	52554		0.1	ppbv	#	76
0		0		N.D	.		
9.392	43	33040		0.29	ppbv	#	59
9.563	57	1205	m	0.01	ppbv		
9.55	53	291	m	0	ppbv		
9.709	56	361	m	0.01	ppbv		
0		0		N.D	.		
10.014	45	2979	m	0.02	ppbv		
10.014	88	328	m	0.11	ppbv		
10.014	57	1514	m	Below	Cal		
10.124	83	264	m	Below	Cal		
10.541	42	1797	m	0.05	ppbv		
0		0		N.D	.		
10.9	69	237	m	0.02	ppbv		
10.892	62	244	m	Below	Cal		
10.917	43	1130	m	0.02	ppbv		
0		0		N.D	.		
11.689	78	1500	m	Below	Cal		
11.86	117	538	m	Below	Cal		
0		0		N.D	.		
12.153	43	3294	m	0.03	ppbv		
0		0		N.D	. d		
0		0		N.D	. d		
12.483	43	3459	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
12.946	83	1610	m	Below	Cal		
0		0		N.D	.		
12.995	130	378	m	0.02	ppbv		
13.02	57	1397	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56]	1,2-Dichloroethane
57)	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.719	53	440	m	Below	Cal		
7.74	43	6682		0.03	ppbv	#	66
7.835	67	940	m	0	ppbv		
7.857	55	833	m	0	ppbv		
8.007	55	915	m	0	ppbv		
8.007	59	4175	m	Below	Cal		
0		0		N.D	.		
8.083	84	2296	m	Below	Cal		
8.18	41	1160	m	Below	Cal		
8.287	101	1332	m	Below	Cal		
8.384	76	4014	m	Below	Cal		
8.438	71	428	m	Below	Cal		
8.867	61	1242	m	Below	Cal		
9.147	70	1579	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
9.086	73	3620	m	Below	Cal		
9.135	43	98320		0.25	ppbv	#	73
0		0		N.D	.		
9.404	43	18656		0.18	ppbv	#	59
9.55	57	623	m	0.01	ppbv		
9.562	53	191	m	0	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.002	57	905	m	Below	Cal		
10.099	83	266	m	Below	Cal		
10.532	42	1478	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
10.883	62	443	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
11.689	78	1645	m	Below	Cal		
11.872	117	1028	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	. d		
12.458	43	313	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.		
12.934	83	1518	m	Below	Cal		
0		0		N.D	.		
12.995	130	370	m	0.01	ppbv		
13.019	57	1212	m	0.07	ppbv		

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66)	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.		
7.75	43	3417	m	0.01	ppbv		
7.868	67	890	m	0	ppbv		
7.889	55	817	m	0	ppbv		
8.018	55	928	m	0	ppbv		
8.018	59	9532	m	Below	Cal		
0		0		N.D	.		
8.104	84	770	m	Below	Cal		
8.19	41	1081	m	Below	Cal		
8.309	101	1063	m	Below	Cal		
8.395	76	3402	m	Below	Cal		
8.459	71	506	m	Below	Cal		
8.879	61	1180	m	Below	Cal		
9.16	70	2059	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
9.111	73	3855	m	Below	Cal		
9.148	43	47786		0.07	ppbv	#	76
0		0		N.D	.		
9.416	43	25131		0.22	ppbv	#	59
9.575	57	756	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.014	57	1059	m	Below	Cal		
10.124	83	452	m	Below	Cal		
10.549	42	1559	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
10.883	62	220	m	Below	Cal		
10.917	43	537	m	0.01	ppbv		
0		0		N.D	.		
11.677	78	1042	m	Below	Cal		
11.885	117	770	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
12.946	83	1659	m	Below	Cal		
0		0		N.D	.		
12.995	130	363	m	0.01	ppbv		
13.02	57	1773	m	0.07	ppbv		

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.	
7.75	43	16749		0.08	ppbv #	66
7.857	67	2158	m	0.02	ppbv	
7.868	55	871	m	0	ppbv	
8.018	55	1306	m	0.01	ppbv	
8.018	59	16233		0.03	ppbv #	68
0		0		N.D	.	
8.094	84	1537	m	Below	Cal	
8.19	41	1177	m	Below	Cal	
8.309	101	1295	m	Below	Cal	
8.384	76	3265	m	Below	Cal	
8.448	71	655	m	Below	Cal	
8.879	61	1431	m	Below	Cal	
9.148	70	2520	m	0.04	ppbv	
0		0		N.D	.	
0		0		N.D	.	
9.099	73	4341	m	Below	Cal	
9.148	43	50413		0.08	ppbv #	79
9.184	71	713	m	0.01	ppbv	
9.416	43	30861		0.27	ppbv #	59
9.55	57	890	m	0.01	ppbv	
9.575	53	172	m	0	ppbv	
9.697	56	146	m	0.01	ppbv	
0		0		N.D	.	
10.014	45	7439		0.04	ppbv #	71
10.014	88	676	m	0.18	ppbv	
10.002	57	1097	m	Below	Cal	
10.124	83	465	m	Below	Cal	
10.541	42	1448	m	0.05	ppbv	
0		0		N.D	.	
10.874	69	230	m	0.02	ppbv	
10.874	62	341	m	Below	Cal	
10.917	43	1561	m	0.02	ppbv	
0		0		N.D	.	
11.689	78	2820	m	Below	Cal	
11.86	117	821	m	Below	Cal	
0		0		N.D	. d	
12.165	43	13706		0.11	ppbv #	1
12.275	56	2316	m	0.03	ppbv	
0		0		N.D	. d	
12.483	43	10243		0.1	ppbv #	39
0		0		N.D	.	
0		0		N.D	.	
12.946	83	1550	m	Below	Cal	
0		0		N.D	.	
13.007	130	438	m	0.02	ppbv	
13.007	57	1532	m	0.07	ppbv	

25)	Acrylonitrile
26)	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52)	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56]	1,2-Dichloroethane
57)	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66)	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D		.	
0		0		N.D		. d	
7.857	67	689	m		0	ppbv	
7.878	55	819	m		0	ppbv	
8.029	55	890	m		0	ppbv	
8.018	59	2063	m	Below		Cal	
0		0		N.D		.	
8.104	84	696	m	Below		Cal	
8.201	41	1226	m	Below		Cal	
8.298	101	607	m	Below		Cal	
8.395	76	5165		Below		Cal	# 43
8.448	71	423	m	Below		Cal	
8.879	61	1395	m	Below		Cal	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	
9.099	73	4384	m	Below		Cal	
9.147	43	8063		Below		Cal	# 91
0		0		N.D		.	
9.416	43	5238			0.09	ppbv	# 59
9.575	57	346	m		0.01	ppbv	
9.575	53	142	m		0	ppbv	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	
10.002	57	589	m	Below		Cal	
0		0		N.D		.	
10.549	42	1327	m		0.04	ppbv	
0		0		N.D		.	
0		0		N.D		.	
10.892	62	106	m	Below		Cal	
0		0		N.D		.	
0		0		N.D		.	
11.689	78	806	m	Below		Cal	
11.872	117	356	m	Below		Cal	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		. d	
0		0		N.D		. d	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	
12.946	83	1520	m	Below		Cal	
0		0		N.D		.	
13.019	130	389	m		0.02	ppbv	
13.032	57	1245	m		0.07	ppbv	

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40]	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48]	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67]	1,2-Dichloropropane
68]	Ethyl acrylate
69]	Bromodichloromethane
70]	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.71	53	46126		1.07	ppbv	98
7.751	43	159588		1.12	ppbv #	99
7.848	67	90952		1.1	ppbv	96
7.869	55	160059		1.1	ppbv	98
8.02	55	155783		1.09	ppbv	99
8.009	59	137857		0.96	ppbv	94
7.998	61	130375		1.12	ppbv	98
8.084	84	62900		1.01	ppbv	95
8.181	41	91529		1.01	ppbv	99
8.289	101	163594		1.27	ppbv	97
8.385	76	216646		1.31	ppbv #	45
8.45	71	113343		1.57	ppbv	96
8.87	61	110413		1.16	ppbv	98
9.114	70	48140		1.21	ppbv	100
9.114	71	43091		1.21	ppbv	95
9.053	63	158003		1.25	ppbv	99
9.089	73	156299		1.1	ppbv #	81
9.114	43	266664		1.18	ppbv	99
9.187	71	61629		1.23	ppbv	96
9.407	43	84772		0.88	ppbv #	80
9.565	57	70326		0.89	ppbv #	78
9.578	53	101735		0.89	ppbv #	49
9.7	56	29601		0.78	ppbv #	72
9.822	61	47518		0.79	ppbv	100
9.992	45	162359		0.85	ppbv	97
10.005	88	3510	m	1.04	ppbv	
10.005	57	104452		0.85	ppbv	78
10.114	83	94541		0.82	ppbv	100
10.535	42	51992		0.9	ppbv #	91
10.535	59	110919		0.79	ppbv	98
10.894	69	21851		0.85	ppbv #	53
10.877	62	112465		0.93	ppbv	100
10.912	43	118695		0.97	ppbv #	62
11.16	97	128137		0.92	ppbv	100
11.684	78	136361		0.84	ppbv	97
11.867	117	140603		0.84	ppbv	99
12.013	41	107490		0.91	ppbv #	97
12.16	43	106508		1.03	ppbv	92
12.282	56	63063		0.92	ppbv #	77
12.379	73	68896		0.85	ppbv #	83
12.489	43	86870		1	ppbv	96
12.684	63	33346		0.95	ppbv	96
12.66	55	38973		0.72	ppbv #	73
12.941	83	105894		0.96	ppbv	98
13.038	88	8819		0.72	ppbv #	1
12.989	130	29550		0.92	ppbv	96
13.014	57	354484		0.91	ppbv	91

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66)	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69)	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.	
7.75	43	3478	m	0.01	ppbv	
7.846	67	861	m	0	ppbv	
7.868	55	765	m	0	ppbv	
8.019	55	1136	m	0	ppbv	
8.008	59	5788		Below	Cal #	32
0		0		N.D	.	
8.083	84	1661	m	Below	Cal	
8.18	41	907	m	Below	Cal	
8.287	101	985	m	Below	Cal	
8.384	76	3347	m	Below	Cal	
8.438	71	473	m	Below	Cal	
8.879	61	1417	m	Below	Cal	
9.148	70	2136	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
9.099	73	3879	m	Below	Cal	
9.136	43	32814		0.02	ppbv #	91
0		0		N.D	.	
9.404	43	10671	m	0.12	ppbv	
9.55	57	702	m	0.01	ppbv	
9.575	53	142	m	0	ppbv	
9.709	56	224	m	0.01	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
10.014	57	680	m	Below	Cal	
10.112	83	323	m	Below	Cal	
10.532	42	1529	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
10.883	62	322	m	Below	Cal	
10.917	43	428	m	0.01	ppbv	
0		0		N.D	.	
11.677	78	1193	m	Below	Cal	
11.873	117	677	m	Below	Cal	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
12.983	130	339	m	0.01	ppbv	
13.032	57	1434	m	0.07	ppbv	

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53)	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.	d	
7.76	43	77381		0.35	ppbv	#	95
7.857	67	3490	m	0.02	ppbv		
7.879	55	1122	m	0	ppbv		
8.029	55	1619	m	0.01	ppbv		
8.018	59	18440		0.03	ppbv	#	81
0		0		N.D	.		
8.094	84	4812	m	Below	Cal		
8.18	41	1266	m	Below	Cal		
8.298	101	7088	m	Below	Cal		
8.395	76	4623	m	Below	Cal		
8.459	71	2172	m	Below	Cal		
8.879	61	1389	m	Below	Cal		
0		0		N.D	.	d	
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
9.148	43	106565		0.24	ppbv	#	84
9.196	71	9566		0.12	ppbv	#	1
9.416	43	36739		0.29	ppbv	#	59
9.575	57	2670	m	0.02	ppbv		
9.575	53	403	m	0	ppbv		
9.709	56	381	m	0.01	ppbv		
0		0		N.D	.	d	
10.002	45	171531		0.6	ppbv	#	71
10.014	88	20262		3.92	ppbv	#	73
0		0		N.D	.		
10.112	83	1017	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
10.926	69	690	m	0.03	ppbv		
10.892	62	1188	m	Below	Cal		
10.926	43	9052		0.06	ppbv	#	61
11.165	97	252	m	Below	Cal		
11.689	78	5411	m	Below	Cal		
11.872	117	5500	m	Below	Cal		
0		0		N.D	.	d	
12.177	43	116112		0.81	ppbv		92
12.287	56	23780		0.25	ppbv	#	56
0		0		N.D	.	d	
12.495	43	92468		0.77	ppbv		96
0		0		N.D	.		
0		0		N.D	.	d	
12.946	83	1620	m	Below	Cal		
0		0		N.D	.		
13.007	130	1348	m	0.04	ppbv		
13.02	57	1805	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53)	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.76	53	2117	m	Below	Cal		
7.76	43	76441		0.35	ppbv	#	95
7.857	67	3317	m	0.02	ppbv		
7.879	55	1302	m	0	ppbv		
8.018	55	1580	m	0.01	ppbv		
8.018	59	18273		0.03	ppbv	#	74
0		0		N.D	.		
8.094	84	4845	m	Below	Cal		
8.19	41	1078	m	Below	Cal		
8.298	101	6935	m	Below	Cal		
8.395	76	5781	m	Below	Cal		
8.449	71	2070	m	Below	Cal		
8.879	61	1337	m	Below	Cal		
0		0		N.D	.	d	
9.196	71	9505		0.17	ppbv	#	1
0		0		N.D	.		
9.099	73	4577	m	Below	Cal		
9.148	43	106743		0.25	ppbv	#	85
9.196	71	9505		0.12	ppbv	#	1
9.404	43	35061		0.28	ppbv	#	59
9.563	57	2445	m	0.02	ppbv		
9.55	53	447	m	0	ppbv		
9.709	56	516	m	0.02	ppbv		
0		0		N.D	.	d	
10.002	45	172152		0.61	ppbv	#	71
10.014	88	20198		3.95	ppbv	#	72
0		0		N.D	.		
10.112	83	1040	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
10.926	69	666	m	0.03	ppbv		
10.883	62	1285	m	Below	Cal		
10.926	43	9581		0.06	ppbv	#	68
11.166	97	226	m	Below	Cal		
11.689	78	5341	m	Below	Cal		
11.872	117	5620	m	Below	Cal		
0		0		N.D	.	d	
12.165	43	114577		0.81	ppbv	#	91
12.275	56	24673		0.27	ppbv	#	60
0		0		N.D	.	d	
12.495	43	91842		0.78	ppbv		97
0		0		N.D	.		
0		0		N.D	.	d	
12.934	83	1895	m	Below	Cal		
0		0		N.D	.		
13.007	130	1398	m	0.04	ppbv		
13.02	57	2721	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.74	53	1486	m	Below	Cal		
7.75	43	47965		0.21	ppbv	#	92
7.836	67	4068	m	0.03	ppbv		
7.857	55	1582	m	0.01	ppbv		
8.018	55	1353	m	0	ppbv		
8.008	59	15563		0.01	ppbv	#	70
8.362	61	10824		Below	Cal	#	32
8.083	84	8731	m	Below	Cal		
8.18	41	1085	m	Below	Cal		
8.287	101	8288	m	Below	Cal		
8.384	76	6499	m	Below	Cal		
8.448	71	1379	m	Below	Cal		
8.867	61	1256	m	Below	Cal		
9.184	70	11591		0.17	ppbv		100
9.184	71	28473		0.5	ppbv		80
0		0		N.D	.		
9.087	73	4754	m	Below	Cal		
9.184	43	162403		0.4	ppbv	#	90
9.184	71	28473		0.36	ppbv	#	6
9.404	43	39642		0.3	ppbv	#	59
9.55	57	1682	m	0.02	ppbv		
9.562	53	313	m	0	ppbv		
9.697	56	854	m	0.02	ppbv		
0		0		N.D	. d		
9.99	45	289544		0.98	ppbv	#	71
10.002	88	36525		6.82	ppbv	#	96
10.002	57	10632		0.02	ppbv	#	1
10.112	83	1430	m	Below	Cal		
10.541	42	1500	m	0.04	ppbv		
10.558	59	235	m	0.04	ppbv		
10.917	69	1012	m	0.03	ppbv		
10.883	62	1321	m	Below	Cal		
10.917	43	15392		0.09	ppbv	#	63
11.14	97	269	m	Below	Cal		
11.677	78	7211		0	ppbv	#	46
11.86	117	5669		Below	Cal		97
0		0		N.D	. d		
12.165	43	222821		1.55	ppbv		94
12.275	56	45565		0.48	ppbv	#	66
0		0		N.D	. d		
12.483	43	189687		1.57	ppbv		95
0		0		N.D	.		
0		0		N.D	. d		
12.934	83	1951	m	Below	Cal		
0		0		N.D	.		
12.983	130	1242	m	0.03	ppbv		
13.007	57	2720	m	0.07	ppbv		

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33)	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42)	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D			. d	
7.771	43	90706			0.42	ppbv	#	94
7.868	67	7120			0.05	ppbv		89
7.889	55	1453	m		0	ppbv		
8.051	55	1540	m		0.01	ppbv		
8.029	59	15913			0.02	ppbv	#	68
0		0		N.D		.		
8.104	84	7770	m	Below		Cal		
0		0		N.D		. d		
8.319	101	7164		Below		Cal	#	74
8.405	76	6735	m	Below		Cal		
8.459	71	1198	m	Below		Cal		
8.891	61	1237	m	Below		Cal		
0		0		N.D		. d		
0		0		N.D		. d		
0		0		N.D		.		
9.111	73	3749	m	Below		Cal		
0		0		N.D		. d		
9.209	71	43718			0.58	ppbv	#	51
9.428	43	44278			0.34	ppbv	#	59
9.575	57	2634	m		0.02	ppbv		
9.587	53	580	m		0	ppbv		
0		0		N.D		. d		
0		0		N.D		. d		
10.014	45	162242			0.58	ppbv	#	71
10.026	88	19188			3.77	ppbv	#	72
10.026	57	14807			0.05	ppbv	#	1
10.124	83	1664	m	Below		Cal		
10.549	42	1979	m		0.05	ppbv		
0		0		N.D		.		
10.934	69	656	m		0.03	ppbv		
10.892	62	1438	m	Below		Cal		
10.934	43	8764			0.06	ppbv	#	40
11.183	97	321	m	Below		Cal		
11.689	78	5542		Below		Cal	#	46
11.885	117	6539		Below		Cal		99
0		0		N.D		. d		
12.177	43	113938			0.81	ppbv	#	89
12.287	56	23425			0.25	ppbv	#	60
0		0		N.D		. d		
12.495	43	94445			0.8	ppbv		95
0		0		N.D		.		
0		0		N.D		. d		
12.946	83	2124	m	Below		Cal		
0		0		N.D		.		
13.007	130	2012	m		0.05	ppbv		
13.032	57	1946	m		0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48]	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56)	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67]	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	2881	m	Below	Cal		
7.75	43	133624		0.59	ppbv	#	94
7.846	67	8294		0.06	ppbv		84
7.879	55	2083	m	0.01	ppbv		
8.029	55	2665	m	0.01	ppbv		
8.008	59	26274		0.06	ppbv	#	70
0		0		N.D	.		
8.094	84	10407	m	Below	Cal		
8.191	41	1042	m	Below	Cal		
8.298	101	7008	m	Below	Cal		
8.384	76	6707	m	Below	Cal		
8.449	71	1761	m	Below	Cal		
8.879	61	1250	m	Below	Cal		
0		0		N.D	.	d	
0		0		N.D	.	d	
0		0		N.D	.		
9.099	73	2988	m	Below	Cal		
9.184	43	369621		1.03	ppbv	#	91
9.197	71	71541		0.91	ppbv	#	26
9.404	43	89636		0.61	ppbv	#	81
9.55	57	7802		0.06	ppbv	#	20
9.184	53	10005		0.05	ppbv	#	91
10.002	56	21162		0.36	ppbv	#	1
10.002	61	233139		2.52	ppbv	#	40
9.99	45	436551		1.46	ppbv	#	71
10.002	88	53891		9.96	ppbv	#	85
10.002	57	32585		0.14	ppbv	#	1
10.112	83	2215	m	Below	Cal		
10.185	42	15308		0.19	ppbv	#	56
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.917	43	33854		0.18	ppbv	#	63
11.166	97	469	m	Below	Cal		
11.677	78	7278		0	ppbv	#	46
11.86	117	7372		Below	Cal		100
0		0		N.D	.	d	
12.165	43	483550		3.32	ppbv		94
12.275	56	95769		1	ppbv	#	65
12.08	73	15408		0.17	ppbv	#	51
12.483	43	421106		3.44	ppbv		96
12.495	63	5953		0.12	ppbv	#	1
0		0		N.D	.	d	
12.934	83	2386	m	0	ppbv		
0		0		N.D	.		
12.995	130	2541	m	0.06	ppbv		
13.02	57	4930	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33)	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37)	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40]	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42)	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	3213	m	Below	Cal		
7.75	43	118279		0.51	ppbv	#	94
7.846	67	7463		0.05	ppbv		89
7.879	55	2572	m	0.01	ppbv		
8.018	55	2425	m	0.01	ppbv		
8.018	59	18584		0.03	ppbv	#	67
0		0		N.D	.		
8.094	84	12659	m	Below	Cal		
0		0		N.D	.	d	
8.298	101	7239	m	Below	Cal		
8.384	76	4380	m	Below	Cal		
8.438	71	1469	m	Below	Cal		
0		0		N.D	.	d	
0		0		N.D	.	d	
0		0		N.D	.	d	
8.977	63	4707	m	Below	Cal		
9.087	73	5919		Below	Cal	#	1
0		0		N.D	.	d	
9.196	71	94740		1.19	ppbv	#	33
9.404	43	99688		0.66	ppbv	#	80
9.55	57	5273		0.04	ppbv	#	21
9.575	53	625	m	0	ppbv		
9.697	56	4723	m	0.08	ppbv		
0		0		N.D	.	d	
9.99	45	503718		1.65	ppbv	#	71
10.002	88	62022		11.29	ppbv	#	84
10.002	57	38010		0.17	ppbv	#	1
10.112	83	2525	m	Below	Cal		
10.541	42	2322	m	0.05	ppbv		
10.566	59	893	m	0.05	ppbv		
10.917	69	2672	m	0.07	ppbv		
10.892	62	1682	m	Below	Cal		
10.917	43	44019		0.23	ppbv	#	61
11.166	97	382	m	Below	Cal		
11.689	78	8119		0.01	ppbv	#	46
11.872	117	7701	m	Below	Cal		
0		0		N.D	.	d	
12.165	43	619369		4.22	ppbv	#	95
12.275	56	122456		1.26	ppbv	#	69
12.08	73	15171		0.17	ppbv	#	50
12.483	43	529370		4.29	ppbv		96
0		0		N.D	.	d	
0		0		N.D	.	d	
12.922	83	2816	m	0	ppbv		
0		0		N.D	.		
12.995	130	2936	m	0.07	ppbv		
13.02	57	5929		0.07	ppbv	#	1

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42)	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	4189	m	0.01	ppbv		
7.75	43	149488		0.72	ppbv	#	96
7.846	67	8116		0.06	ppbv		93
7.868	55	3283	m	0.01	ppbv		
8.018	55	3081	m	0.01	ppbv		
8.008	59	20747		0.05	ppbv	#	70
0		0		N.D	.	d	
8.083	84	8623		Below	Cal		95
8.18	41	1132	m	Below	Cal		
8.298	101	6945		Below	Cal	#	75
8.384	76	5693		Below	Cal	#	43
8.448	71	1703	m	Below	Cal		
8.867	61	1214	m	Below	Cal		
0		0		N.D	.	d	
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	
9.184	71	79092		1.08	ppbv	#	52
9.404	43	128788		0.92	ppbv	#	81
9.55	57	5646		0.05	ppbv	#	20
9.55	53	712	m	0	ppbv		
9.697	56	1390	m	0.03	ppbv		
0		0		N.D	.	d	
10.002	45	278353		1	ppbv	#	71
10.002	88	32790		6.53	ppbv	#	72
10.002	57	33550		0.16	ppbv	#	1
10.112	83	2651	m	Below	Cal		
10.541	42	1678	m	0.05	ppbv		
0		0		N.D	.		
10.917	69	1884	m	0.06	ppbv		
10.883	62	1617	m	Below	Cal		
10.917	43	24492		0.15	ppbv	#	62
11.157	97	447	m	Below	Cal		
11.689	78	13753		0.04	ppbv	#	46
11.872	117	8155		Below	Cal		99
0		0		N.D	.	d	
12.165	43	340759		2.44	ppbv	#	95
12.275	56	67721		0.74	ppbv	#	58
0		0		N.D	.	d	
12.483	43	286397		2.44	ppbv		93
0		0		N.D	.		
0		0		N.D	.	d	
12.934	83	2300	m	0	ppbv		
0		0		N.D	.		
12.995	130	3775	m	0.09	ppbv		
13.019	57	6707		0.08	ppbv	#	1

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32)	Methylene Chloride
33)	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52)	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56)	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66)	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71)	Trichloroethene
72]	Isooctane

0		0		N.D	.		
7.76	43	1630	m	0	ppbv		
7.857	67	566	m	0	ppbv		
7.889	55	749	m	0	ppbv		
8.029	55	696	m	0	ppbv		
8.018	59	1614	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
8.298	101	424	m	Below	Cal		
8.384	76	2332	m	Below	Cal		
8.448	71	404	m	Below	Cal		
8.879	61	1090	m	Below	Cal		
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	.		
9.099	73	3612	m	Below	Cal		
9.135	43	5913		Below	Cal	#	91
0		0		N.D	.		
9.416	43	4301	m	0.08	ppbv		
9.562	57	332	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.002	57	401	m	Below	Cal		
0		0		N.D	.		
10.549	42	1199	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.926	43	384	m	0.01	ppbv		
0		0		N.D	.		
11.689	78	800	m	Below	Cal		
11.86	117	290	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
12.946	83	1315	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
13.032	57	997	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40]	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48]	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67]	1,2-Dichloropropane
68]	Ethyl acrylate
69]	Bromodichloromethane
70]	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.71	53	39626	1.09	ppbv	99
7.751	43	141097	1.18	ppbv #	100
7.858	67	80950	1.16	ppbv	98
7.88	55	143624	1.17	ppbv	100
8.031	55	138614	1.15	ppbv	99
8.009	59	123687	1.03	ppbv	90
8.009	61	115708	1.19	ppbv	99
8.095	84	57388	1.11	ppbv	93
8.192	41	82736	1.09	ppbv	100
8.299	101	146279	1.35	ppbv	97
8.396	76	181293	1.3	ppbv #	67
8.45	71	102718	1.69	ppbv	96
8.88	61	99284	1.25	ppbv	97
9.125	70	42121	1.26	ppbv	100
9.125	71	39759	1.32	ppbv	79
9.064	63	139059	1.31	ppbv	97
9.1	73	140454	1.17	ppbv #	85
9.112	43	225567	1.19	ppbv	99
9.198	71	52626	1.25	ppbv	93
9.405	43	115664	1.4	ppbv	97
9.564	57	132685	2.02	ppbv #	88
9.576	53	111887	1.16	ppbv #	11
9.71	56	26026	0.81	ppbv #	78
9.832	61	42921	0.85	ppbv	98
9.991	45	145754	0.9	ppbv	96
9.588	88	36450	12.54	ppbv #	1
10.015	57	91703	0.89	ppbv	84
10.113	83	82639	0.87	ppbv	100
10.542	42	46445	0.95	ppbv #	90
10.542	59	97609	0.82	ppbv	99
10.893	69	19663	0.91	ppbv #	53
10.884	62	100729	0.99	ppbv	99
10.919	43	105414	1.02	ppbv #	63
11.158	97	111475	0.95	ppbv	99
11.682	78	119795	0.87	ppbv	96
11.865	117	122082	0.88	ppbv	99
12.012	41	95262	0.96	ppbv #	96
12.17	43	93139	1.02	ppbv	94
12.28	56	55699	0.93	ppbv #	78
12.378	73	60169	0.85	ppbv #	81
12.488	43	77018	1.01	ppbv	94
12.683	63	28681	0.93	ppbv	100
12.671	55	34169	0.72	ppbv #	73
12.939	83	92386	0.95	ppbv	99
13.037	88	7830	0.73	ppbv #	2
13	130	25548	0.9	ppbv	96
13.012	57	312205	0.91	ppbv	92

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47)	1-Hexene
48]	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56)	1,2-Dichloroethane
57)	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69)	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.		
7.75	43	6466		0.03	ppbv	#	66
7.846	67	993	m	0.01	ppbv		
7.868	55	696	m	0	ppbv		
8.018	55	720	m	0	ppbv		
8.018	59	4419	m	Below	Cal		
0		0		N.D	.		
8.094	84	2240	m	Below	Cal		
8.18	41	1225	m	Below	Cal		
8.298	101	1286	m	Below	Cal		
8.384	76	2975	m	Below	Cal		
8.449	71	444	m	Below	Cal		
8.879	61	1121	m	Below	Cal		
9.16	70	1738	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
9.135	43	101567		0.31	ppbv	#	73
0		0		N.D	.		
9.404	43	16138		0.18	ppbv	#	59
9.563	57	552	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.		
9.819	61	115	m	0	ppbv		
0		0		N.D	.		
0		0		N.D	.		
10.002	57	837	m	Below	Cal		
10.124	83	313	m	Below	Cal		
10.549	42	1450	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
11.689	78	1556	m	Below	Cal		
11.873	117	875	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	. d		
12.47	43	367	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
13.032	130	366	m	0.02	ppbv		
13.02	57	1295	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	4380	m	0.01	ppbv		
7.74	43	153553		0.72	ppbv	#	94
7.846	67	7740		0.06	ppbv		86
7.868	55	4552	m	0.02	ppbv		
8.008	55	3831	m	0.02	ppbv		
7.997	59	33943		0.11	ppbv	#	66
0		0		N.D	.	d	
8.083	84	12090		Below	Cal		98
8.18	41	1568	m	Below	Cal		
8.287	101	6920		Below	Cal	#	73
8.373	76	5192		Below	Cal	#	43
8.438	71	1708	m	Below	Cal		
8.867	61	1327	m	Below	Cal		
0		0		N.D	.	d	
9.184	71	44074	m	0.83	ppbv		
0		0		N.D	.		
0		0		N.D	.		
9.135	43	383464		1.15	ppbv	#	86
9.184	71	48212		0.64	ppbv	#	1
9.392	43	153881		1.07	ppbv	#	80
9.538	57	8444		0.07	ppbv	#	8
9.55	53	895	m	0	ppbv		
9.684	56	6566		0.12	ppbv	#	83
0		0		N.D	.	d	
9.99	45	572638		2.03	ppbv	#	71
10.002	88	71276		14	ppbv	#	89
9.99	57	24733		0.11	ppbv	#	1
10.099	83	2211	m	Below	Cal		
10.523	42	5241		0.09	ppbv	#	56
0		0		N.D	.		
10.917	69	3075	m	0.09	ppbv		
10.874	62	1856	m	Below	Cal		
10.909	43	51597		0.29	ppbv	#	63
11.166	97	395	m	Below	Cal		
11.677	78	28135		0.1	ppbv		98
11.86	117	7339	m	Below	Cal		
12.007	41	6035		0.04	ppbv	#	1
12.153	43	741393		5.35	ppbv	#	94
12.275	56	143362		1.56	ppbv	#	66
0		0		N.D	.	d	
12.483	43	617616		5.29	ppbv		95
0		0		N.D	.	d	
0		0		N.D	.	d	
12.934	83	3353	m	0.01	ppbv		
0		0		N.D	.		
12.995	130	3209	m	0.08	ppbv		
13.007	57	10365		0.08	ppbv	#	1

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.74	53	4644	m	0.02	ppbv	
7.74	43	159353		0.76	ppbv #	94
7.836	67	7484		0.06	ppbv	98
7.868	55	5263	m	0.02	ppbv	
8.008	55	4604	m	0.02	ppbv	
8.008	59	34206		0.11	ppbv #	68
0		0		N.D	. d	
8.083	84	12848	m	Below	Cal	
8.169	41	1179	m	Below	Cal	
8.287	101	7097	m	Below	Cal	
8.384	76	5721	m	Below	Cal	
8.449	71	1429	m	Below	Cal	
8.867	61	1291	m	Below	Cal	
0		0		N.D	. d	
9.184	71	41692	m	0.78	ppbv	
0		0		N.D	.	
0		0		N.D	.	
9.136	43	362146	m	1.08	ppbv	
9.184	71	48164		0.65	ppbv #	1
9.392	43	158881		1.11	ppbv #	81
9.55	57	7125		0.06	ppbv #	2
9.55	53	1098	m	0.01	ppbv	
9.685	56	6923		0.13	ppbv #	84
0		0		N.D	. d	
9.99	45	575606		2.05	ppbv #	73
10.002	88	70193		13.85	ppbv #	84
10.002	57	25072		0.11	ppbv #	1
10.112	83	2251	m	Below	Cal	
10.532	42	1623	m	0.05	ppbv	
0		0		N.D	.	
10.909	69	2873	m	0.08	ppbv	
10.875	62	1853	m	Below	Cal	
10.909	43	51133		0.29	ppbv #	62
11.166	97	421	m	Below	Cal	
11.677	78	28414		0.1	ppbv	98
11.86	117	7115	m	Below	Cal	
12.007	41	5671		0.04	ppbv #	1
12.153	43	730526		5.38	ppbv #	94
12.275	56	142566		1.58	ppbv #	67
0		0		N.D	. d	
12.483	43	611335		5.34	ppbv	95
0		0		N.D	. d	
0		0		N.D	. d	
12.922	83	2960	m	0.01	ppbv	
0		0		N.D	.	
12.995	130	3165	m	0.08	ppbv	
13.02	57	9752		0.08	ppbv #	1

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.74	53	5377		0.03	ppbv	#	16
7.75	43	157797		0.8	ppbv	#	94
7.846	67	9442		0.08	ppbv		96
7.868	55	7142	m	0.03	ppbv		
8.008	55	6582	m	0.03	ppbv		
8.008	59	57442		0.24	ppbv	#	75
0		0		N.D	.		
8.083	84	8406		Below	Cal		98
8.158	41	3185	m	Below	Cal		
8.287	101	6193	m	Below	Cal		
8.384	76	4726	m	Below	Cal		
8.448	71	1501	m	Below	Cal		
8.867	61	1257	m	Below	Cal		
0		0		N.D	.	d	
9.184	71	24366		0.48	ppbv	#	1
0		0		N.D	.		
0		0		N.D	.		
9.135	43	329047		1.05	ppbv	#	83
9.184	71	24366		0.34	ppbv	#	1
9.392	43	273010		2.02	ppbv	#	91
9.55	57	12602		0.12	ppbv	#	2
9.55	53	1355	m	0.01	ppbv		
9.685	56	2431	m	0.05	ppbv		
0		0		N.D	.	d	
9.99	45	300056		1.14	ppbv	#	71
10.002	88	37228		7.82	ppbv	#	92
10.002	57	13669		0.05	ppbv	#	1
10.112	83	1682	m	Below	Cal		
10.541	42	1727	m	0.05	ppbv		
10.506	59	174	m	0.04	ppbv		
10.917	69	2036	m	0.07	ppbv		
10.874	62	1242	m	Below	Cal		
10.917	43	16682		0.11	ppbv	#	62
11.157	97	392	m	Below	Cal		
11.677	78	39834		0.16	ppbv		99
11.872	117	5970	m	Below	Cal		
0		0		N.D	.	d	
12.165	43	284377		2.19	ppbv	#	89
12.275	56	49020		0.58	ppbv	#	34
0		0		N.D	.	d	
12.483	43	211817		1.95	ppbv		90
0		0		N.D	.		
0		0		N.D	.	d	
12.922	83	2035	m	0	ppbv		
0		0		N.D	.		
12.995	130	2682	m	0.07	ppbv		
13.02	57	7990		0.08	ppbv	#	1

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	2895	m	Below	Cal		
7.75	43	128723		0.7	ppbv	#	94
7.846	67	12255		0.11	ppbv		87
7.868	55	8083	m	0.04	ppbv		
8.018	55	5903		0.03	ppbv	#	44
8.018	59	30163		0.11	ppbv	#	65
0		0		N.D	.		
8.083	84	5580		Below	Cal	#	73
8.18	41	1594	m	Below	Cal		
8.298	101	6437		Below	Cal	#	72
8.384	76	5705		Below	Cal	#	43
8.449	71	1937	m	Below	Cal		
8.879	61	1406	m	Below	Cal		
0		0		N.D	.	d	
9.184	71	13371		0.28	ppbv	#	1
0		0		N.D	.		
0		0		N.D	.		
9.135	43	298970		1.01	ppbv	#	81
9.184	71	13371		0.2	ppbv	#	1
9.404	43	359289		2.87	ppbv		98
9.55	57	39454		0.39	ppbv	#	65
9.55	53	2749	m	0.02	ppbv		
9.685	56	1969	m	0.05	ppbv		
0		0		N.D	.	d	
10.002	45	136207		0.56	ppbv	#	71
10.002	88	15956		3.6	ppbv	#	72
10.002	57	8052		0.02	ppbv	#	1
10.112	83	1147	m	Below	Cal		
10.532	42	1241	m	0.04	ppbv		
10.524	59	317	m	0.04	ppbv		
10.926	69	1540	m	0.06	ppbv		
10.875	62	1183	m	Below	Cal		
10.917	43	5685		0.05	ppbv	#	40
11.157	97	390	m	Below	Cal		
11.677	78	27232		0.11	ppbv		99
11.86	117	4486	m	Below	Cal		
11.995	41	744	m	0.01	ppbv		
12.19	43	145540		1.17	ppbv	#	75
12.275	56	15360		0.19	ppbv	#	14
0		0		N.D	.	d	
12.483	43	58854		0.57	ppbv	#	93
0		0		N.D	.		
0		0		N.D	.	d	
12.934	83	2086	m	0	ppbv		
0		0		N.D	.		
12.995	130	3655	m	0.1	ppbv		
13.02	57	6533		0.08	ppbv	#	45

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.771	53	4161	m		0.02	ppbv	
7.771	43	152354			0.85	ppbv #	94
7.868	67	10317			0.09	ppbv	88
7.889	55	4159	m		0.02	ppbv	
8.04	55	3265	m		0.02	ppbv	
8.029	59	21494			0.07	ppbv #	47
0		0		N.D		.	
8.104	84	6983	m	Below		Cal	
8.201	41	1037	m	Below		Cal	
8.309	101	6665	m	Below		Cal	
8.405	76	13345	m	Below		Cal	
8.47	71	1126	m	Below		Cal	
8.879	61	1151	m	Below		Cal	
0		0		N.D		. d	
0		0		N.D		. d	
0		0		N.D		.	
9.123	73	3548	m	Below		Cal	
9.16	43	169435			0.55	ppbv #	83
9.209	71	7027			0.11	ppbv #	1
9.416	43	220775			1.81	ppbv	95
9.562	57	18876			0.19	ppbv #	66
9.562	53	1189	m		0.01	ppbv	
9.709	56	1360	m		0.03	ppbv	
0		0		N.D		. d	
10.014	45	129873			0.55	ppbv #	71
10.026	88	14945			3.49	ppbv #	64
9.562	57	18685			0.09	ppbv #	1
10.136	83	1044	m	Below		Cal	
10.558	42	1787	m		0.05	ppbv	
0		0		N.D		.	
10.934	69	779	m		0.03	ppbv	
10.892	62	1244	m	Below		Cal	
10.934	43	3716	m		0.03	ppbv	
11.174	97	251	m	Below		Cal	
11.689	78	24608			0.1	ppbv	96
11.872	117	5041	m	Below		Cal	
0		0		N.D		. d	
12.177	43	101589			0.84	ppbv #	75
12.287	56	11544			0.15	ppbv #	14
0		0		N.D		. d	
12.495	43	46666			0.46	ppbv #	93
0		0		N.D		.	
0		0		N.D		. d	
12.958	83	1795	m	Below		Cal	
0		0		N.D		.	
13.007	130	2635	m		0.08	ppbv	
13.032	57	2780	m		0.07	ppbv	

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.771	53	2346	m	Below	Cal		
7.771	43	76797	m	0.44	ppbv		
7.868	67	6706		0.06	ppbv		99
7.889	55	2657	m	0.01	ppbv		
8.04	55	2604	m	0.01	ppbv		
8.029	59	18486		0.05	ppbv	#	69
0		0		N.D	.		
8.104	84	5224		Below	Cal	#	77
8.201	41	866	m	Below	Cal		
8.319	101	6328		Below	Cal	#	75
8.405	76	5674		Below	Cal	#	43
8.47	71	1134	m	Below	Cal		
8.891	61	957	m	Below	Cal		
0		0		N.D	.	d	
9.209	71	5547		0.12	ppbv	#	1
0		0		N.D	.		
0		0		N.D	.		
9.16	43	130196		0.42	ppbv	#	81
9.209	71	5547		0.09	ppbv	#	1
9.416	43	173313		1.48	ppbv		99
9.575	57	5552		0.06	ppbv	#	22
9.575	53	568	m	0	ppbv		
9.697	56	785	m	0.02	ppbv		
0		0		N.D	.	d	
10.014	45	68177		0.3	ppbv	#	71
10.026	88	7820		1.92	ppbv	#	68
0		0		N.D	.		
10.136	83	945	m	Below	Cal		
10.558	42	1861	m	0.05	ppbv		
10.532	59	171	m	0.04	ppbv		
10.943	69	685	m	0.03	ppbv		
10.9	62	1102	m	Below	Cal		
10.926	43	2239	m	0.02	ppbv		
11.174	97	274	m	Below	Cal		
11.702	78	9477		0.03	ppbv	#	46
11.872	117	4285	m	Below	Cal		
0		0		N.D	.	d	
12.178	43	53893		0.46	ppbv	#	1
12.287	56	6594		0.09	ppbv	#	14
0		0		N.D	.	d	
12.495	43	22264		0.23	ppbv		96
0		0		N.D	.		
0		0		N.D	.	d	
12.959	83	1444	m	Below	Cal		
0		0		N.D	.		
13.007	130	1766	m	0.05	ppbv		
13.02	57	2563	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53)	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70]	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.771	53	1155	m	Below			Cal	
7.76	43	47102			0.27	ppbv	#	97
7.857	67	3329	m		0.03	ppbv		
7.879	55	1671	m		0.01	ppbv		
8.04	55	1456	m		0.01	ppbv		
8.029	59	10859			0.01	ppbv	#	32
0		0		N.D			. d	
8.104	84	31885			0.29	ppbv		99
8.19	41	754	m	Below			Cal	
8.309	101	6197	m	Below			Cal	
8.405	76	4380	m	Below			Cal	
8.47	71	1158	m	Below			Cal	
8.891	61	1000	m	Below			Cal	
0		0		N.D			. d	
0		0		N.D			.	
0		0		N.D			.	
9.111	73	3262	m	Below			Cal	
9.16	43	105209			0.32	ppbv	#	79
9.209	71	2156	m		0.03	ppbv		
9.416	43	92063			0.8	ppbv		99
9.563	57	2810	m		0.03	ppbv		
9.563	53	474	m		0	ppbv		
9.697	56	588	m		0.02	ppbv		
0		0		N.D			. d	
10.014	45	73876			0.33	ppbv	#	71
10.026	88	8638			2.11	ppbv	#	67
0		0		N.D			.	
10.124	83	1033	m	Below			Cal	
0		0		N.D			.	
0		0		N.D			.	
10.934	69	522	m		0.03	ppbv		
10.892	62	1041	m	Below			Cal	
10.926	43	1510	m		0.02	ppbv		
11.183	97	270	m	Below			Cal	
11.689	78	10332			0.03	ppbv	#	46
11.872	117	4828	m	Below			Cal	
0		0		N.D			. d	
12.165	43	16538			0.15	ppbv	#	1
12.275	56	3795	m		0.05	ppbv		
0		0		N.D			. d	
12.483	43	16003			0.17	ppbv	#	71
0		0		N.D			.	
0		0		N.D			. d	
12.934	83	1251	m	Below			Cal	
13.068	88	325	m		0.13	ppbv		
13.007	130	1076	m		0.04	ppbv		
13.032	57	2802	m		0.07	ppbv		

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36)	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49)	Diisopropyl ether
50)	Ethyl Acetate
51]	n-Hexane
52)	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58)	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66)	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.		
7.771	43	835	m	Below	Cal		
7.868	67	581	m	0	ppbv		
7.911	55	550	m	0	ppbv		
8.04	55	493	m	0	ppbv		
8.04	59	1430	m	Below	Cal		
0		0		N.D	.		
8.104	84	486	m	Below	Cal		
8.212	41	1146	m	Below	Cal		
8.319	101	339	m	Below	Cal		
8.416	76	2013	m	Below	Cal		
0		0		N.D	.		
8.903	61	951	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
9.123	73	3596	m	Below	Cal		
9.16	43	5102		Below	Cal	#	91
0		0		N.D	.		
9.44	43	2885	m	0.07	ppbv		
9.575	57	236	m	0	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.026	57	364	m	Below	Cal		
0		0		N.D	.		
10.566	42	1013	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
10.909	62	88	m	Below	Cal		
10.934	43	258	m	0.01	ppbv		
0		0		N.D	.		
11.702	78	601	m	Below	Cal		
11.872	117	228	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
12.971	83	1175	m	Below	Cal		
0		0		N.D	.		
13.007	130	156	m	0.01	ppbv		
13.032	57	783	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40]	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48]	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67]	1,2-Dichloropropane
68]	Ethyl acrylate
69]	Bromodichloromethane
70]	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.71	53	36636		1.06	ppbv	98
7.752	43	132071		1.16	ppbv #	99
7.848	67	76011		1.15	ppbv	97
7.88	55	132073		1.13	ppbv	99
8.031	55	127393		1.11	ppbv	98
8.009	59	113839		0.99	ppbv	90
7.998	61	107514		1.16	ppbv	98
8.095	84	52061		1.05	ppbv	95
8.192	41	74609		1.03	ppbv	98
8.299	101	136042		1.32	ppbv	97
8.396	76	164975		1.22	ppbv #	65
8.45	71	94206		1.63	ppbv	96
8.881	61	92458		1.22	ppbv	98
9.125	70	39261		1.24	ppbv	100
9.125	71	36603		1.28	ppbv	79
9.064	63	127911		1.26	ppbv	97
9.1	73	130766		1.15	ppbv #	85
9.112	43	208466		1.15	ppbv	98
9.198	71	48785		1.22	ppbv	92
9.405	43	102755		1.31	ppbv	99
9.564	57	58803		0.93	ppbv #	78
9.576	53	84611		0.92	ppbv #	47
9.71	56	24066		0.79	ppbv #	72
9.832	61	40229		0.84	ppbv	98
9.991	45	133039		0.87	ppbv	97
10.016	88	3720	m	1.37	ppbv	
10.016	57	86374		0.88	ppbv	87
10.113	83	77069		0.85	ppbv	100
10.534	42	43046		0.93	ppbv #	90
10.542	59	91778		0.81	ppbv	98
10.893	69	17942		0.87	ppbv #	53
10.885	62	92765		0.96	ppbv	99
10.919	43	98156		1	ppbv #	61
11.158	97	104779		0.94	ppbv	99
11.682	78	111287		0.85	ppbv	96
11.865	117	113189		0.85	ppbv	100
12.012	41	87962		0.93	ppbv #	97
12.158	43	86723		1.01	ppbv	94
12.28	56	51301		0.91	ppbv #	79
12.378	73	57096		0.85	ppbv #	83
12.488	43	72010		1	ppbv	95
12.683	63	27011		0.93	ppbv	98
12.659	55	32944		0.73	ppbv #	73
12.939	83	85247		0.93	ppbv	99
13.037	88	7306		0.72	ppbv #	1
13	130	24408		0.91	ppbv	96
13.012	57	294225		0.91	ppbv	93

25)	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38)	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47)	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55)	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63)	2-Methylhexane
64)	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

0		0		N.D	.		
7.75	43	3061	m	0.01	ppbv		
7.846	67	635	m	0	ppbv		
7.878	55	924	m	0	ppbv		
8.029	55	756	m	0	ppbv		
8.018	59	4273	m	Below	Cal		
0		0		N.D	.		
8.094	84	1291	m	Below	Cal		
8.562	41	23280		0.2	ppbv	#	55
8.298	101	732	m	Below	Cal		
8.384	76	1957	m	Below	Cal		
8.438	71	374	m	Below	Cal		
8.879	61	1181	m	Below	Cal		
0		0		N.D	. d		
0		0		N.D	.		
0		0		N.D	.		
9.099	73	3713	m	Below	Cal		
9.147	43	23242	m	0.01	ppbv		
0		0		N.D	.		
9.404	43	25319		0.28	ppbv	#	59
9.538	57	687	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
10.014	45	968	m	0.01	ppbv		
10.002	88	141	m	0.07	ppbv		
10.014	57	900	m	Below	Cal		
10.112	83	250	m	Below	Cal		
10.541	42	1534	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
10.892	62	271	m	Below	Cal		
10.917	43	519	m	0.01	ppbv		
11.148	97	145	m	Below	Cal		
11.677	78	1098	m	Below	Cal		
11.86	117	524	m	Below	Cal		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
0		0		N.D	. d		
12.483	43	923	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	. d		
12.934	83	1319	m	Below	Cal		
0		0		N.D	.		
12.983	130	328	m	0.02	ppbv		
13.019	57	1205	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.76	53	2315	m	Below	Cal		
7.75	43	103693		0.64	ppbv	#	95
7.846	67	2877	m	0.03	ppbv		
7.868	55	2046	m	0.01	ppbv		
8.018	55	1842	m	0.01	ppbv		
8.018	59	18186		0.06	ppbv	#	77
8.008	61	358	m	Below	Cal		
8.094	84	5584		Below	Cal	#	77
8.18	41	1008	m	Below	Cal		
8.298	101	5980		Below	Cal	#	73
8.384	76	6118		Below	Cal	#	43
8.448	71	1220	m	Below	Cal		
8.879	61	927	m	Below	Cal		
9.148	70	5486		0.11	ppbv		100
0		0		N.D	.		
0		0		N.D	.		
9.099	73	2916	m	Below	Cal		
9.148	43	140309		0.5	ppbv	#	76
9.196	71	2546	m	0.04	ppbv		
9.404	43	91887		0.85	ppbv		100
9.538	57	2968	m	0.04	ppbv		
0		0		N.D	.		
9.709	56	638	m	0.02	ppbv		
0		0		N.D	. d		
10.002	45	83923		0.39	ppbv	#	71
10.014	88	9359		2.42	ppbv	#	54
0		0		N.D	.		
10.124	83	872	m	Below	Cal		
10.549	42	1138	m	0.05	ppbv		
0		0		N.D	.		
10.926	69	915	m	0.04	ppbv		
10.892	62	946	m	Below	Cal		
10.917	43	7692		0.06	ppbv	#	40
11.166	97	197	m	Below	Cal		
11.677	78	9706		0.03	ppbv	#	46
11.86	117	4230	m	Below	Cal		
0		0		N.D	. d		
12.165	43	83739		0.76	ppbv	#	90
12.275	56	18701		0.26	ppbv	#	57
0		0		N.D	. d		
12.483	43	69401		0.76	ppbv		95
0		0		N.D	.		
0		0		N.D	. d		
12.922	83	1375	m	Below	Cal		
0		0		N.D	.		
12.995	130	1194	m	0.04	ppbv		
13.007	57	2827	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41)	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43)	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46)	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	2259	m	Below	Cal		
7.74	43	107021		0.64	ppbv	#	96
7.846	67	2950	m	0.03	ppbv		
7.857	55	1529	m	0.01	ppbv		
8.008	55	1877	m	0.01	ppbv		
8.008	59	17136		0.05	ppbv	#	71
8.008	61	275	m	Below	Cal		
8.083	84	5677	m	Below	Cal		
8.169	41	652	m	Below	Cal		
8.287	101	5801	m	Below	Cal		
8.384	76	5896	m	Below	Cal		
8.438	71	1275	m	Below	Cal		
8.867	61	901	m	Below	Cal		
9.135	70	5223		0.1	ppbv		100
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
9.135	43	140397		0.48	ppbv	#	77
0		0		N.D	.		
9.404	43	90996		0.81	ppbv		99
9.55	57	3788	m	0.04	ppbv		
0		0		N.D	.		
9.697	56	610	m	0.02	ppbv		
0		0		N.D	.	d	
10.002	45	80382	m	0.36	ppbv		
10.002	88	9920		2.48	ppbv	#	76
0		0		N.D	.		
10.112	83	766	m	Below	Cal		
10.541	42	1033	m	0.04	ppbv		
0		0		N.D	.		
10.909	69	969	m	0.04	ppbv		
10.883	62	1087	m	Below	Cal		
10.909	43	7230		0.06	ppbv	#	40
11.166	97	231	m	Below	Cal		
11.665	78	9749		0.03	ppbv	#	46
11.86	117	4043	m	Below	Cal		
0		0		N.D	.	d	
12.153	43	83478		0.73	ppbv	#	91
12.275	56	18677		0.25	ppbv	#	47
0		0		N.D	.	d	
12.483	43	69542		0.72	ppbv		93
0		0		N.D	.		
0		0		N.D	.	d	
12.934	83	1483	m	Below	Cal		
0		0		N.D	.		
12.995	130	1234	m	0.04	ppbv		
13.007	57	2589	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.76	53	4256	m	0.03	ppbv		
7.75	43	156414		0.93	ppbv	#	97
7.857	67	12217		0.12	ppbv		91
7.879	55	5572		0.03	ppbv	#	43
8.018	55	3797	m	0.02	ppbv		
8.018	59	18337		0.06	ppbv	#	70
8.008	61	690	m	Below	Cal		
8.094	84	5649	m	Below	Cal		
8.18	41	1415	m	Below	Cal		
8.298	101	6345	m	Below	Cal		
8.395	76	4190	m	Below	Cal		
8.449	71	2846	m	0.01	ppbv		
8.879	61	1152	m	Below	Cal		
9.16	70	8669		0.17	ppbv		100
9.196	71	7701		0.18	ppbv	#	1
0		0		N.D	.		
9.111	73	2990	m	Below	Cal		
9.148	43	133777		0.45	ppbv	#	83
9.196	71	7701		0.12	ppbv	#	1
9.416	43	78776		0.71	ppbv		100
9.575	57	5109		0.06	ppbv	#	23
9.575	53	745	m	0	ppbv		
9.709	56	1062	m	0.03	ppbv		
0		0		N.D	. d		
10.014	45	114124		0.51	ppbv	#	71
10.014	88	13733		3.4	ppbv	#	79
10.014	57	6463		0.01	ppbv	#	1
10.112	83	1001	m	Below	Cal		
10.541	42	1558	m	0.05	ppbv		
0		0		N.D	.		
10.9	69	1215	m	0.05	ppbv		
10.892	62	1180	m	Below	Cal		
10.926	43	6260		0.05	ppbv	#	40
11.157	97	555	m	Below	Cal		
11.689	78	18370		0.07	ppbv	#	71
11.873	117	4059	m	Below	Cal		
0		0		N.D	. d		
12.165	43	66488		0.59	ppbv	#	90
12.287	56	14624		0.2	ppbv	#	33
0		0		N.D	. d		
12.495	43	58552		0.62	ppbv	#	94
0		0		N.D	.		
0		0		N.D	. d		
12.946	83	1542	m	Below	Cal		
0		0		N.D	.		
13.007	130	5046		0.15	ppbv	#	58
13.02	57	10258		0.09	ppbv	#	53

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65)	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.319	53	5838		0.06	ppbv	#	16
7.75	43	87800		0.53	ppbv	#	98
7.846	67	2916	m	0.03	ppbv		
7.878	55	2251	m	0.01	ppbv		
8.029	55	1735	m	0.01	ppbv		
8.018	59	11146		0.01	ppbv	#	74
8.373	61	5816		Below	Cal	#	32
8.083	84	4835	m	Below	Cal		
8.19	41	854	m	Below	Cal		
8.298	101	5449	m	Below	Cal		
8.395	76	3680	m	Below	Cal		
8.448	71	901	m	Below	Cal		
8.879	61	1018	m	Below	Cal		
9.147	70	4227	m	0.08	ppbv		
0		0		N.D	. d		
0		0		N.D	.		
9.099	73	2989	m	Below	Cal		
9.147	43	81449		0.24	ppbv	#	77
9.196	71	1526	m	0.02	ppbv		
9.416	43	61193		0.57	ppbv		99
9.562	57	1691	m	0.02	ppbv		
9.575	53	268	m	0	ppbv		
9.709	56	880	m	0.03	ppbv		
0		0		N.D	. d		
10.014	45	25300		0.12	ppbv	#	71
10.014	88	3332	m	0.86	ppbv		
0		0		N.D	.		
10.124	83	852	m	Below	Cal		
10.549	42	1135	m	0.04	ppbv		
0		0		N.D	.		
10.892	69	456	m	0.02	ppbv		
10.892	62	891	m	Below	Cal		
10.917	43	953	m	0.02	ppbv		
11.157	97	250	m	Below	Cal		
11.689	78	9164		0.03	ppbv	#	46
11.872	117	4119	m	Below	Cal		
0		0		N.D	.		
12.177	43	3571	m	0.04	ppbv		
12.275	56	704	m	0.01	ppbv		
0		0		N.D	. d		
12.495	43	3480	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	. d		
12.946	83	1351	m	Below	Cal		
0		0		N.D	.		
12.995	130	1533	m	0.05	ppbv		
13.032	57	2361	m	0.07	ppbv		

25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31)	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39)	2,3-Dimethylbutane
40)	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48)	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51)	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54)	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61)	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67)	1,2-Dichloropropane
68)	Ethyl acrylate
69]	Bromodichloromethane
70)	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane

7.75	53	2787	m	Below	Cal		
7.75	43	100600		0.6	ppbv	#	97
7.846	67	8485		0.08	ppbv		87
7.868	55	3156	m	0.02	ppbv		
8.018	55	2326	m	0.01	ppbv		
8.018	59	13395		0.03	ppbv	#	74
0		0		N.D	.	d	
8.083	84	5094		Below	Cal	#	77
8.18	41	781	m	Below	Cal		
8.298	101	5475		Below	Cal	#	17
8.384	76	7161		Below	Cal	#	43
8.459	71	1217	m	Below	Cal		
8.879	61	929	m	Below	Cal		
9.148	70	10215		0.21	ppbv		100
0		0		N.D	.	d	
0		0		N.D	.		
9.099	73	3249	m	Below	Cal		
9.148	43	135851		0.46	ppbv	#	80
9.196	71	6471		0.1	ppbv	#	1
9.404	43	860083		8.26	ppbv		99
9.562	57	3093	m	0.04	ppbv		
9.55	53	486	m	0	ppbv		
9.697	56	1070	m	0.03	ppbv		
0		0		N.D	.	d	
10.002	45	25452		0.12	ppbv	#	71
10.014	88	3463	m	0.89	ppbv		
0		0		N.D	.		
10.112	83	775	m	Below	Cal		
10.541	42	1201	m	0.05	ppbv		
0		0		N.D	.		
10.9	69	630	m	0.03	ppbv		
10.883	62	994	m	Below	Cal		
10.917	43	2243	m	0.03	ppbv		
11.148	97	323	m	Below	Cal		
11.677	78	8529		0.02	ppbv	#	46
11.86	117	3784	m	Below	Cal		
0		0		N.D	.	d	
12.165	43	7122		0.07	ppbv	#	1
12.275	56	1629	m	0.02	ppbv		
12.385	73	43	m	0.04	ppbv		
12.483	43	6606		0.08	ppbv	#	39
0		0		N.D	.		
0		0		N.D	.	d	
12.934	83	1295	m	Below	Cal		
0		0		N.D	.		
12.995	130	2333	m	0.07	ppbv		
13.02	57	6183		0.08	ppbv	#	45

73]	Methyl Methacrylate
74]	Heptane
75]	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78]	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86]	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene

13.232	41	35375		0.76	ppbv	#	89
13.354	43	172285		1.01	ppbv	#	91
14.163	75	25744		0.74	ppbv		98
14.218	43	65436	m	0.78	ppbv		
14.305	83	44063		0.82	ppbv	#	81
14.919	75	13078		0.71	ppbv	#	51
15.173	97	30375		0.88	ppbv	#	88
15.354	43	128157		0.9	ppbv	#	92
15.587	91	167636		0.8	ppbv		99
15.871	57	74268		0.81	ppbv		88
16.162	43	105637		2.1	ppbv	#	76
16.212	129	73045		0.86	ppbv		100
16.162	43	105637		0.97	ppbv	#	87
16.604	107	37141		0.84	ppbv		99
17.121	43	99817		0.82	ppbv		96
17.337	166	55426		0.88	ppbv		96
18.432	131	74131		1.11	ppbv		100
18.465	112	72920		0.91	ppbv		97
19.134	91	237289		0.81	ppbv		96
19.45	91	196788	m	0.79	ppbv		
19.47	91	265872	m	0.86	ppbv		
19.551	173	67319		0.91	ppbv		99
20.121	104	84031		0.7	ppbv		95
20.008	55	22990	m	0.97	ppbv		
20.294	83	82386		0.96	ppbv		100
20.306	91	258687		0.86	ppbv	#	70
20.817	57	79186		0.9	ppbv		99
21.18	95	251081		11.33	ppbv		94
21.471	105	138274		0.85	ppbv		96
22.538	91	122164		0.8	ppbv	#	100
22.538	91	122164		0.73	ppbv		96
22.783	105	102874		0.65	ppbv	#	48
23.043	105	283317		0.79	ppbv		97
23.952	105	295119		0.75	ppbv	#	96
23.93	119	175002		0.84	ppbv		94
22.859	105	247997		0.74	ppbv		97
23.438	105	113830		0.73	ppbv	#	88
24.253	146	72683		0.68	ppbv		99
24.399	146	77335		0.63	ppbv		98
24.298	57	119123		0.82	ppbv		98
24.544	105	208618		0.77	ppbv		97
24.856	105	128942		0.75	ppbv		95
25.068	146	93431		0.8	ppbv		97
25.258	119	173183		0.82	ppbv		96
25.493	119	90817		0.82	ppbv		98
25.649	119	105032		0.85	ppbv		91
25.683	91	305231		0.95	ppbv		99

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.		
13.349	43	1786	m	0.04	ppbv		
0		0		N.D	.		
14.221	43	48638		0.52	ppbv	#	85
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
15.581	91	2559996		7.96	ppbv		99
0		0		N.D	.		
0		0		N.D	.		
16.236	129	1203	m	0.06	ppbv		
16.158	43	419	m	0.02	ppbv		
0		0		N.D	.		
17.136	43	1047	m	0.03	ppbv		
17.342	166	233	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.163	91	2414	m	0.14	ppbv		
19.472	91	4080	m	0.02	ppbv		
19.509	91	3544	m	0.14	ppbv		
19.57	173	1116	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.335	91	2013	m	0.09	ppbv		
20.823	57	407	m	0.02	ppbv		
21.186	95	237628		Below	Cal		93
21.477	105	750	m	0.05	ppbv		
22.239	91	20785		0.25	ppbv	#	100
22.239	91	20785		0.17	ppbv	#	59
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
23.483	105	559	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
24.577	105	434	m	Below	Cal		
24.901	105	574	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.		
13.349	43	1457	m	0.04	ppbv		
0		0		N.D	.		
14.229	43	49344		0.53	ppbv	#	86
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	. d		
15.571	91	2570516		8.16	ppbv		99
0		0		N.D	.		
16.168	43	437	m	Below	Cal		
16.226	129	1192	m	0.06	ppbv		
16.168	43	446	m	0.02	ppbv		
0		0		N.D	.		
17.136	43	1155	m	0.03	ppbv		
17.342	166	240	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.17	91	2095	m	0.14	ppbv		
19.472	91	6835	m	0.03	ppbv		
19.516	91	3124	m	0.14	ppbv		
19.566	173	1052	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.347	91	2139	m	0.09	ppbv		
20.823	57	456	m	0.03	ppbv		
21.194	95	230513		Below	Cal		92
21.484	105	715	m	0.05	ppbv		
22.245	91	19970		0.25	ppbv	#	100
22.245	91	19970		0.17	ppbv	#	59
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
24.343	57	1346	m	0.03	ppbv		
0		0		N.D	.		
24.901	105	758	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100)	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120]	n-Butyl Benzene

0		0		N.D	.
13.361	43	1755	m	0.04	ppbv
0		0		N.D	.
14.276	43	5205	m	0.24	ppbv
14.316	83	264	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
15.6	91	3199	m	0.08	ppbv
0		0		N.D	.
0		0		N.D	.
16.227	129	1010	m	0.05	ppbv
0		0		N.D	.
0		0		N.D	.
17.127	43	1327	m	0.03	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
19.157	91	566	m	0.13	ppbv
19.489	91	694	m	0.01	ppbv
19.55	91	898	m	0.13	ppbv
19.573	173	1001	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
20.347	91	586	m	0.09	ppbv
0		0		N.D	. d
21.194	95	206572	m	Below	Cal
21.47	105	508	m	0.05	ppbv
22.597	91	440	m	0.17	ppbv
22.597	91	391	m	0.1	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
24.343	57	1079	m	0.03	ppbv
0		0		N.D	.
24.901	105	441	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
25.749	91	606	m	0.07	ppbv

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76)	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.
13.361	43	738	m	0.04	ppbv
0		0		N.D	.
0		0		N.D	.
14.292	83	166	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
15.629	91	845	m	0.07	ppbv
0		0		N.D	.
0		0		N.D	.
16.236	129	1088	m	0.05	ppbv
0		0		N.D	.
0		0		N.D	.
17.127	43	560	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
19.177	91	559	m	0.13	ppbv
19.543	91	770	m	0.02	ppbv
19.576	91	721	m	0.13	ppbv
19.586	173	986	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
20.358	91	745	m	0.09	ppbv
20.83	57	161	m	0.02	ppbv
21.194	95	178255	m	Below	Cal
21.498	105	544	m	0.05	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76)	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100)	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.
13.349	43	893	m	0.04	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	. d
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
15.61	91	645	m	0.07	ppbv
0		0		N.D	.
0		0		N.D	.
16.246	129	948	m	0.05	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
19.173	91	417	m	0.13	ppbv
19.529	91	471	m	0.01	ppbv
19.566	91	622	m	0.13	ppbv
19.58	173	928	m	0.02	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
20.353	91	576	m	0.09	ppbv
0		0		N.D	. d
21.194	95	183815	m	Below	Cal
21.499	105	610	m	0.05	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	
13.361	43	2086	m	0.04	ppbv	
0		0		N.D	.	
14.245	43	23023		0.36	ppbv #	61
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
15.6	91	3193	m	0.08	ppbv	
0		0		N.D	.	
0		0		N.D	.	
16.226	129	1155	m	0.06	ppbv	
0		0		N.D	.	
0		0		N.D	.	
17.136	43	706	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
19.177	91	528	m	0.13	ppbv	
19.536	91	625	m	0.01	ppbv	
19.57	91	642	m	0.13	ppbv	
19.57	173	1008	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
20.364	91	583	m	0.09	ppbv	
20.831	57	320	m	0.02	ppbv	
21.194	95	183150	m	Below	Cal	
21.506	105	574	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
24.331	57	1230	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
25.292	119	319	m	0.04	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76)	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81)	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100)	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0	N.D	.		
13.361	43	544	m	0.04	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
16.236	129	932	m	0.05	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
19.177	91	336	m	0.13	ppbv	
19.486	91	417	m	0.01	ppbv	
19.57	91	585	m	0.13	ppbv	
19.583	173	883	m	0.02	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
20.358	91	459	m	0.09	ppbv	
0		0	N.D	.	d	
21.194	95	163813	Below	Cal		92
21.499	105	372	m	0.05	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		

73]	Methyl Methacrylate
74]	Heptane
75]	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78]	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86]	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene

13.234	41	32830		0.74	ppbv	#	90
13.343	43	173770		1.04	ppbv	#	91
14.156	75	24627		0.72	ppbv		99
14.22	43	67232	m	0.8	ppbv		
14.299	83	44745		0.84	ppbv	#	82
14.921	75	12812	m	0.71	ppbv		
15.167	97	30784		0.91	ppbv		89
15.347	43	126060		0.9	ppbv	#	91
15.58	91	166357		0.81	ppbv		100
15.864	57	72526		0.81	ppbv		89
16.164	43	106261		2.18	ppbv	#	92
16.214	129	75758		0.91	ppbv		100
16.164	43	106261		1	ppbv	#	85
16.605	107	34473		0.8	ppbv		99
17.122	43	94827		0.79	ppbv		97
17.339	166	55898		0.91	ppbv		97
18.434	131	74229		1.16	ppbv		99
18.462	112	71540		0.93	ppbv		100
19.135	91	223634		0.8	ppbv		95
19.455	91	194426	m	0.81	ppbv		
19.465	91	255443	m	0.86	ppbv		
19.549	173	70565		0.99	ppbv		99
20.125	104	78987		0.69	ppbv		91
20.03	55	27954	m	1.04	ppbv		
20.292	83	83100		1.01	ppbv		100
20.31	91	253253		0.87	ppbv	#	70
20.815	57	75354		0.89	ppbv		99
21.186	95	257161		18.37	ppbv		95
21.476	105	135460		0.86	ppbv		96
22.54	91	112154		0.77	ppbv	#	100
22.54	91	112154		0.7	ppbv		96
22.781	105	96217		0.63	ppbv	#	48
23.041	105	281040		0.81	ppbv		98
23.954	105	287970		0.76	ppbv	#	97
23.932	119	167230		0.83	ppbv		95
22.865	105	245615		0.75	ppbv		97
23.44	105	106194		0.71	ppbv	#	89
24.255	146	69334		0.67	ppbv		99
24.412	146	76682		0.65	ppbv		99
24.3	57	112417		0.8	ppbv		95
24.546	105	202768		0.77	ppbv		97
24.858	105	112722		0.68	ppbv		94
25.07	146	86153		0.76	ppbv		98
25.26	119	161830		0.79	ppbv		96
25.495	119	84502		0.79	ppbv		98
25.651	119	101994		0.85	ppbv		96
25.685	91	290225		0.93	ppbv		98

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100)	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene

0		0		N.D	. d	
13.361	43	794	m	0.04	ppbv	
0		0		N.D	.	
14.277	43	7340	m	0.25	ppbv	
14.292	83	295	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
15.62	91	1005	m	0.07	ppbv	
0		0		N.D	.	
0		0		N.D	.	
16.246	129	1067	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
17.352	166	205	m	0.03	ppbv	
18.438	131	432	m	Below	Cal	
18.474	112	403	m	Below	Cal	
19.167	91	1103	m	0.13	ppbv	
19.516	91	1115	m	0.02	ppbv	
19.573	91	1079	m	0.13	ppbv	
19.587	173	1246	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
20.347	83	442	m	Below	Cal	
20.347	91	1225	m	0.09	ppbv	
0		0		N.D	. d	
21.194	95	207596		Below	Cal	92
21.484	105	1279	m	0.05	ppbv	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	. d	
23.085	105	2015	m	0.05	ppbv	
0		0		N.D	. d	
23.941	119	1020	m	Below	Cal	
0		0		N.D	.	
23.494	105	1004	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
24.343	57	1025	m	0.03	ppbv	
24.577	105	1103	m	Below	Cal	
24.923	105	1086	m	0.02	ppbv	
25.169	146	411	m	Below	Cal	
25.292	119	1292	m	0.04	ppbv	
25.56	119	591	m	0.03	ppbv	
25.761	119	728	m	0.03	ppbv	
25.783	91	941	m	0.07	ppbv	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	. d	
13.361	43	8902		0.07	ppbv #	40
0		0		N.D	.	
14.221	43	191167		1.44	ppbv #	93
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	. d	
15.581	91	2220302		6.91	ppbv	99
15.874	57	574	m	0.02	ppbv	
0		0		N.D	.	
16.236	129	1270	m	0.06	ppbv	
0		0		N.D	.	
0		0		N.D	.	
17.136	43	1345	m	0.03	ppbv	
17.361	166	173	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
19.153	91	4367	m	0.14	ppbv	
19.469	91	5135	m	0.03	ppbv	
19.496	91	5236	m	0.14	ppbv	
19.58	173	1060	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
20.341	91	4193	m	0.09	ppbv	
21.186	57	11591		0.12	ppbv #	52
21.194	95	226457		Below	Cal	93
21.499	105	694	m	0.05	ppbv	
0		0		N.D	. d	
0		0		N.D	. d	
0		0		N.D	.	
23.085	105	741	m	0.05	ppbv	
24.019	105	1283	m	0	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
24.331	57	45015		0.25	ppbv #	46
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	. d	
13.361	43	9350		0.08	ppbv #	40
0		0		N.D	.	
14.213	43	191250		1.46	ppbv #	92
0		0		N.D	. d	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	. d	
15.581	91	2224818		7.05	ppbv	99
15.874	57	458	m	0.02	ppbv	
0		0		N.D	.	
16.227	129	1284	m	0.06	ppbv	
0		0		N.D	.	
0		0		N.D	.	
17.146	43	1599	m	0.03	ppbv	
17.342	166	200	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
19.157	91	4114	m	0.14	ppbv	
19.459	91	5119	m	0.03	ppbv	
19.482	91	6220	m	0.14	ppbv	
19.573	173	1021	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
20.335	91	3716	m	0.09	ppbv	
20.823	57	463	m	0.03	ppbv	
21.194	95	221404		Below	Cal	93
21.484	105	518	m	0.05	ppbv	
0		0		N.D	. d	
0		0		N.D	. d	
22.775	105	1135	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
24.331	57	44380		0.25	ppbv #	46
0		0		N.D	.	
24.934	105	985	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D		. d	
13.349	43	17966		0.11	ppbv	#	71
0		0		N.D		.	
14.189	43	816331		5.67	ppbv	#	94
0		0		N.D		. d	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	
15.581	91	260634		0.91	ppbv		100
0		0		N.D		.	
0		0		N.D		.	
16.236	129	1070	m	0.05	ppbv		
16.158	43	856	m	0.02	ppbv		
0		0		N.D		.	
17.127	43	2116	m	0.03	ppbv		
17.332	166	253	m	0.03	ppbv		
0		0		N.D		.	
0		0		N.D		.	
19.153	91	1722	m	0.13	ppbv		
19.465	91	2616	m	0.02	ppbv		
19.543	91	4283	m	0.14	ppbv		
19.58	173	1154	m	0.02	ppbv		
0		0		N.D		.	
0		0		N.D		. d	
0		0		N.D		.	
20.352	91	5012		0.1	ppbv	#	100
20.816	57	794	m	0.03	ppbv		
21.186	95	239147		Below	Cal		92
21.477	105	688	m	0.05	ppbv		
0		0		N.D		. d	
0		0		N.D		. d	
22.781	105	8083		0.06	ppbv	#	12
0		0		N.D		. d	
24.008	105	984	m	0	ppbv		
0		0		N.D		. d	
0		0		N.D		. d	
23.472	105	639	m	0.02	ppbv		
24.331	146	662	m	Below	Cal		
0		0		N.D		.	
24.331	57	1430050		8.11	ppbv	#	53
0		0		N.D		.	
24.901	105	1867	m	0.03	ppbv		
0		0		N.D		.	
24.901	119	18699		0.1	ppbv		95
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0	N.D			. d	
13.361	43	11381			0.08	ppbv #	40
0		0	N.D			.	
14.205	43	505541			3.59	ppbv #	93
0		0	N.D			. d	
0		0	N.D			.	
0		0	N.D			.	
0		0	N.D			.	
15.59	91	73045			0.31	ppbv	99
15.884	57	1199	m		0.03	ppbv	
0		0	N.D			.	
16.236	129	1163	m		0.06	ppbv	
16.168	43	1251	m		0.03	ppbv	
0		0	N.D			.	
17.127	43	2394	m		0.04	ppbv	
17.342	166	309	m		0.03	ppbv	
0		0	N.D			.	
0		0	N.D			.	
19.153	91	3668	m		0.14	ppbv	
19.465	91	5811	m		0.03	ppbv	
19.546	91	7614	m		0.15	ppbv	
19.573	173	1221	m		0.02	ppbv	
0		0	N.D			.	
0		0	N.D			. d	
0		0	N.D			.	
20.364	91	13324			0.11	ppbv #	100
20.816	57	1580	m		0.03	ppbv	
21.194	95	244947		Below		Cal	94
21.491	105	833	m		0.05	ppbv	
0		0	N.D			. d	
0		0	N.D			. d	
22.781	105	40228			0.21	ppbv #	12
23.079	105	876	m		0.05	ppbv	
23.996	105	1520	m		0	ppbv	
0		0	N.D			.	
0		0	N.D			. d	
23.483	105	1124	m		0.02	ppbv	
0		0	N.D			.	
0		0	N.D			.	
24.331	57	2541144			17.9	ppbv #	53
0		0	N.D			.	
24.901	105	2978	m		0.03	ppbv	
0		0	N.D			.	
24.912	119	32552			0.15	ppbv	97
25.18	119	6499			0.06	ppbv #	78
0		0	N.D			.	
0		0	N.D			. d	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.349	43	41614		0.21	ppbv	#	88
0		0		N.D	.		
14.189	43	1217946		8.43	ppbv	#	95
14.292	83	4641	m	0.08	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
15.581	91	57215		0.25	ppbv		98
15.874	57	3401	m	0.04	ppbv		
16.148	43	3294	m	Below	Cal		
16.217	129	1178	m	0.05	ppbv		
16.148	43	3111	m	0.04	ppbv		
0		0		N.D	.		
17.127	43	7938		0.07	ppbv	#	45
17.332	166	506	m	0.04	ppbv		
0		0		N.D	.		
18.474	112	491	m	Below	Cal		
19.147	91	2336	m	0.14	ppbv		
19.466	91	2946	m	0.02	ppbv		
19.536	91	8192	m	0.15	ppbv		
19.57	173	1346	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.359	91	14502		0.12	ppbv	#	100
20.816	57	4394	m	0.06	ppbv		
21.186	95	255523	m	Below	Cal		
21.484	105	1030	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.776	105	46845		0.23	ppbv	#	12
0		0		N.D	.	d	
24.008	105	1500	m	0	ppbv		
0		0		N.D	.		
22.776	105	46845		0.17	ppbv	#	51
23.472	105	928	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
24.332	57	3124234		25.23	ppbv	#	53
0		0		N.D	.		
24.901	105	3800	m	0.03	ppbv		
0		0		N.D	.		
24.912	119	51155		0.2	ppbv		97
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.361	43	48377		0.23	ppbv	#	90
0		0		N.D	.		
14.189	43	1277979		8.79	ppbv	#	95
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
15.59	91	39862		0.19	ppbv		98
15.864	57	3676	m	0.05	ppbv		
16.168	43	4195	m	Below	Cal		
16.217	129	1169	m	0.05	ppbv		
16.168	43	3570	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
17.352	166	520	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.153	91	2052	m	0.14	ppbv		
19.469	91	2399	m	0.02	ppbv		
19.543	91	8173	m	0.15	ppbv		
19.566	173	1236	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.358	91	16106		0.12	ppbv	#	100
20.823	57	2384	m	0.04	ppbv		
21.186	95	248434		Below	Cal		96
21.491	105	997	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.775	105	61613		0.3	ppbv	#	12
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.		
24.331	57	5096145		Below	Cal	#	53
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.349	43	27483		0.15	ppbv	#	88
0		0		N.D	.		
14.197	43	727823		5.21	ppbv	#	95
14.3	83	3111	m	0.06	ppbv		
0		0		N.D	.		
0		0		N.D	.		
15.346	43	1688	m	0.02	ppbv		
15.581	91	61988		0.27	ppbv		98
15.864	57	5658		0.06	ppbv	#	1
16.148	43	6328		Below	Cal	#	76
16.226	129	1076	m	0.05	ppbv		
16.148	43	6328		0.06	ppbv	#	24
0		0		N.D	.		
17.117	43	5370		0.05	ppbv	#	45
17.342	166	572	m	0.04	ppbv		
0		0		N.D	.		
18.462	112	543	m	Below	Cal		
19.153	91	2254	m	0.14	ppbv		
19.462	91	3496	m	0.02	ppbv		
19.529	91	10169	m	0.15	ppbv		
19.566	173	1316	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.		
20.358	91	17194		0.12	ppbv	#	100
20.823	57	4169	m	0.06	ppbv		
21.186	95	286823	m	Below	Cal		
21.477	105	1908	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.775	105	66142		0.32	ppbv	#	12
0		0		N.D	.	d	
23.985	105	2227	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
23.461	105	827	m	0.02	ppbv		
24.298	146	1897	m	Below	Cal		
0		0		N.D	.		
24.331	57	6016557		Below	Cal	#	53
24.901	105	10019		Below	Cal	#	1
24.901	105	10364		0.06	ppbv	#	1
0		0		N.D	.		
25.191	119	4303	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.	d	

73) Methyl Methacrylate
74) Heptane
75) cis-1,3-Dichloropropene
76) 4-Methy-2-Pentanone
77) Methylcyclohexane
78) trans-1,3-Dichloropropene
79) 1,1,2-Trichloroethane
80) 2,3,4-Trimethylpentane
81) Toluene
82) 2-Methylheptane
83) 2-Hexanone
84] Dibromochloromethane
85) 3-Methylheptane
86) 1,2-Dibromoethane
87) Octane
88) Tetrachloroethene
90) 1,1,1,2-Tetrachloroethane
91) Chlorobenzene
92) Ethylbenzene
93) m-Xylene
94) p-Xylene
95] Bromoform
96) Styrene
97) Butyl Acrylate
98) 1,1,2,2-Tetrachloroethane
99) o-Xylene
100) Nonane
101] Bromofluorobenzene
102] Cumene
103) Chlorotoluenes
104) n-Propylbenzene
105) m-Ethyltoluene
106) 1,3,5-Trimethylbenzene
107) 1,2,4-Trimethylbenzene
108) Tert-Butyl Benzene
109) 1-Ethyl-4-Methyl Benzene
110) o-Ethyltoluene
111) 1,3-Dichlorobenzene
112) 1,4-Dichlorobenzene
113) n-Decane
114) Sec-Butyl Benzene
115) 1,2,3-Trimethylbenzene
116) 1,2-Dichlorobenzene
117) o-Cymene
118) 1,3-Diethylbenzene
119) 1,2-Diethylbenzene
120) n-Butyl Benzene

0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
16.246	129	792	m	0.05	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
19.593	173	726	m	0.02	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.	d	
21.201	95	138008	Below	Cal		91
21.484	105	328	m	0.05	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		

73]	Methyl Methacrylate
74]	Heptane
75]	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78]	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86]	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene

13.232	41	28189	0.73	ppbv #	91
13.354	43	140987	0.96	ppbv	95
14.163	75	21681	0.72	ppbv	99
14.226	43	35141	0.56	ppbv #	83
14.305	83	38816	0.83	ppbv #	82
14.926	75	11205	0.7	ppbv #	63
15.173	97	27599	0.93	ppbv	89
15.354	43	113749	0.93	ppbv #	91
15.587	91	148283	0.82	ppbv	100
15.871	57	64097	0.81	ppbv	89
16.162	43	91392	2.11	ppbv #	91
16.22	129	65738	0.9	ppbv	100
16.162	43	91392	0.98	ppbv #	87
16.612	107	30761	0.81	ppbv	94
17.129	43	82673	0.79	ppbv	97
17.337	166	48705	0.9	ppbv	96
18.432	131	65407	1.18	ppbv	100
18.465	112	62751	0.94	ppbv	97
19.137	91	195567	0.8	ppbv	95
19.446	91	135637	0.66	ppbv	95
19.137	91	195646	0.78	ppbv	94
19.551	173	61662	1	ppbv	100
20.127	104	68906	0.69	ppbv	91
20.05	55	8280	0.82	ppbv #	99
20.294	83	74160	1.04	ppbv	100
20.312	91	223896	0.88	ppbv #	70
20.817	57	64697	0.88	ppbv	99
21.187	95	229728	22.23	ppbv	95
21.478	105	120149	0.88	ppbv	96
22.542	91	96935	0.77	ppbv #	100
22.542	91	96935	0.7	ppbv	96
22.782	105	85987	0.65	ppbv #	47
23.043	105	244351	0.81	ppbv	97
23.952	105	251665	0.76	ppbv #	97
23.93	119	144829	0.83	ppbv	93
22.863	105	215789	0.76	ppbv	97
23.438	105	94542	0.73	ppbv #	86
24.253	146	60703	0.68	ppbv	99
24.41	146	63369	0.62	ppbv	96
24.309	57	97614	0.81	ppbv	98
24.544	105	176651	0.78	ppbv	97
24.856	105	98891	0.69	ppbv	96
25.08	146	73680	0.75	ppbv	97
25.258	119	141148	0.8	ppbv	96
25.493	119	73598	0.8	ppbv	98
25.66	119	88776	0.86	ppbv	95
25.682	91	253350	0.94	ppbv	98

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76)	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	. d	
13.361	43	971	m	0.04	ppbv	
0		0		N.D	.	
0		0		N.D	.	
14.3	83	237	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
15.63	91	641	m	0.07	ppbv	
0		0		N.D	.	
0		0		N.D	.	
16.236	129	762	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
17.137	43	525	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
19.194	91	418	m	0.13	ppbv	
19.556	91	483	m	0.01	ppbv	
19.576	91	815	m	0.13	ppbv	
19.59	173	779	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
20.37	91	510	m	0.09	ppbv	
20.831	57	179	m	0.02	ppbv	
21.194	95	162151		Below	Cal	92
21.506	105	381	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.349	43	57153		0.28	ppbv	#	88
0		0		N.D	.		
14.181	43	1599973		11.86	ppbv	#	95
14.284	83	6583	m	0.1	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
15.581	91	72019		0.31	ppbv		98
15.864	57	7638		0.08	ppbv	#	1
16.158	43	5641		Below	Cal	#	76
16.226	129	1066	m	0.05	ppbv		
16.158	43	5641		0.06	ppbv	#	24
0		0		N.D	.		
17.117	43	4616	m	0.05	ppbv		
17.342	166	881	m	0.04	ppbv		
0		0		N.D	.		
18.462	112	559	m	Below	Cal		
19.143	91	3098	m	0.14	ppbv		
19.455	91	4347	m	0.03	ppbv		
19.523	91	10411	m	0.15	ppbv		
19.56	173	1251	m	0.02	ppbv		
20.198	104	601	m	0.13	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
20.358	91	15579		0.12	ppbv	#	100
20.823	57	5601		0.07	ppbv	#	52
21.186	95	282298		Below	Cal		93
21.484	105	2608	m	0.06	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.775	105	55268		0.28	ppbv	#	12
0		0		N.D	.	d	
23.985	105	2707	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
23.472	105	1428	m	0.02	ppbv		
24.298	146	8655	m	0.02	ppbv		
0		0		N.D	.	d	
24.331	57	7600536	m	Below	Cal		
24.912	105	10077		Below	Cal	#	1
24.912	105	10077		0.06	ppbv	#	1
25.124	146	221	m	Below	Cal		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	

73)	Methyl Methacrylate
74]	Heptane
75]	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.349	43	57093		0.29	ppbv	#	89
14.174	75	181	m	0.15	ppbv		
14.182	43	1583334		11.97	ppbv	#	95
0		0		N.D	.	d	
0		0		N.D	.		
15.191	97	91	m	0.03	ppbv		
0		0		N.D	.		
15.581	91	71593		0.31	ppbv		97
15.865	57	8499		0.09	ppbv	#	1
16.139	43	9916		Below	Cal	#	76
16.227	129	1101	m	0.05	ppbv		
16.139	43	9916		0.09	ppbv	#	24
0		0		N.D	.		
17.127	43	4645	m	0.05	ppbv		
17.342	166	809	m	0.04	ppbv		
0		0		N.D	.		
18.468	112	566	m	Below	Cal		
19.15	91	2488	m	0.14	ppbv		
19.452	91	4141	m	0.02	ppbv		
19.526	91	8647	m	0.15	ppbv		
19.563	173	1189	m	0.02	ppbv		
20.192	104	506	m	0.13	ppbv		
20.084	55	688	m	0.7	ppbv		
0		0		N.D	.		
20.359	91	15343		0.12	ppbv	#	100
20.823	57	5825		0.07	ppbv	#	52
21.186	95	266832	m	Below	Cal		
21.477	105	1993	m	0.05	ppbv		
22.567	91	2485	m	0.18	ppbv		
22.567	91	2679	m	0.1	ppbv		
22.776	105	55705		0.29	ppbv	#	12
0		0		N.D	.	d	
23.985	105	2482	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
23.472	105	1147	m	0.02	ppbv		
24.287	146	8095	m	0.01	ppbv		
0		0		N.D	.	d	
24.332	57	7560707	m	Below	Cal		
24.566	105	506	m	Below	Cal		
24.912	105	10868		0.07	ppbv	#	1
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97)	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D		. d	
13.349	43	21931		0.14	ppbv	#	86
0		0		N.D		.	
14.189	43	965900		7.49	ppbv	#	95
14.292	83	3248	m	0.06	ppbv		
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		.	
15.581	91	43959		0.23	ppbv		97
15.855	57	10035		0.11	ppbv	#	1
16.148	43	10852		Below	Cal	#	76
16.226	129	1013	m	0.05	ppbv		
16.148	43	10852		0.1	ppbv	#	24
0		0		N.D		.	
17.127	43	3587	m	0.04	ppbv		
17.342	166	854	m	0.04	ppbv		
18.432	131	209	m	Below	Cal		
18.474	112	717	m	Below	Cal		
19.16	91	2615	m	0.14	ppbv		
19.455	91	4776	m	0.03	ppbv		
19.533	91	8013	m	0.15	ppbv		
19.563	173	1172	m	0.02	ppbv		
20.204	104	492	m	0.13	ppbv		
0		0		N.D		.	
20.227	83	805	m	Below	Cal		
20.353	91	8520		0.1	ppbv	#	100
20.831	57	7254		0.08	ppbv	#	52
21.186	95	269679	m	Below	Cal		
21.477	105	2798	m	0.06	ppbv		
22.567	91	2023	m	0.18	ppbv		
0		0		N.D		. d	
22.775	105	31989		0.17	ppbv	#	12
23.061	105	2140	m	0.05	ppbv		
23.985	105	2732	m	0.01	ppbv		
0		0		N.D		.	
0		0		N.D		. d	
23.472	105	1063	m	0.02	ppbv		
24.276	146	29708		0.18	ppbv	#	79
0		0		N.D		. d	
24.331	57	8197303		Below	Cal	#	53
0		0		N.D		. d	
24.901	105	11927		0.07	ppbv	#	1
0		0		N.D		.	
0		0		N.D		. d	
0		0		N.D		.	
0		0		N.D		.	
0		0		N.D		. d	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.349	43	8414		0.08	ppbv	#	40
0		0		N.D	.		
14.197	43	488936		3.92	ppbv	#	93
14.292	83	1696	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
15.336	43	1360	m	0.02	ppbv		
15.581	91	208227		0.84	ppbv		99
15.865	57	9307		0.1	ppbv	#	1
16.158	43	10689		Below	Cal	#	76
16.217	129	991	m	0.05	ppbv		
16.158	43	10689		0.1	ppbv	#	24
0		0		N.D	.		
17.127	43	2929	m	0.04	ppbv		
17.342	166	594	m	0.04	ppbv		
0		0		N.D	.		
18.474	112	405	m	Below	Cal		
19.147	91	7161	m	0.15	ppbv		
19.449	91	11254	m	0.05	ppbv		
19.492	91	8625	m	0.15	ppbv		
19.57	173	1116	m	0.02	ppbv		
20.174	104	510	m	0.13	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
20.329	91	8215		0.1	ppbv	#	100
20.852	57	5439		0.07	ppbv	#	52
21.186	95	243972		Below	Cal		94
21.484	105	1687	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.787	105	7550		0.06	ppbv	#	12
23.067	105	3399	m	0.06	ppbv		
23.985	105	3015	m	0.01	ppbv		
23.93	119	752	m	Below	Cal		
22.889	105	2096	m	0.08	ppbv		
23.461	105	1269	m	0.02	ppbv		
24.298	146	3508	m	Below	Cal		
0		0		N.D	.		
24.332	57	3310875	m	Below	Cal		
24.544	105	1147	m	Below	Cal		
24.901	105	7304		0.05	ppbv	#	1
25.113	146	441	m	Below	Cal		
24.912	119	68863		0.29	ppbv		99
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73]	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120)	n-Butyl Benzene

13.178	41	1476	m		0.32	ppbv	
13.361	43	6982			0.07	ppbv #	40
0		0	N.D			.	
14.205	43	450391			3.71	ppbv #	94
0		0	N.D			. d	
0		0	N.D			.	
0		0	N.D			.	
15.346	43	915	m		0.02	ppbv	
15.581	91	574738			2.23	ppbv	100
15.874	57	3602	m		0.05	ppbv	
15.874	43	11388		Below		Cal #	76
16.226	129	1126	m		0.06	ppbv	
0		0	N.D			. d	
0		0	N.D			.	
17.136	43	2514	m		0.04	ppbv	
17.352	166	358	m		0.03	ppbv	
0		0	N.D			.	
18.462	112	333	m	Below		Cal	
19.16	91	3037	m		0.14	ppbv	
19.459	91	4194	m		0.03	ppbv	
19.489	91	5264	m		0.14	ppbv	
19.57	173	1034	m		0.02	ppbv	
20.209	104	328	m		0.13	ppbv	
0		0	N.D			.	
0		0	N.D			. d	
20.335	91	3839	m		0.09	ppbv	
20.838	57	2742	m		0.05	ppbv	
21.194	95	224867		Below		Cal	94
21.491	105	1012	m		0.05	ppbv	
0		0	N.D			. d	
0		0	N.D			. d	
22.781	105	2496	m		0.04	ppbv	
23.073	105	1738	m		0.05	ppbv	
23.996	105	1466	m		0	ppbv	
0		0	N.D			.	
0		0	N.D			.	
0		0	N.D			.	
24.32	146	3311	m	Below		Cal	
0		0	N.D			.	
24.331	57	718509			4.62	ppbv #	53
0		0	N.D			.	
24.901	105	3175	m		0.03	ppbv	
0		0	N.D			.	
0		0	N.D			. d	
0		0	N.D			.	
25.716	119	533	m		0.03	ppbv	
0		0	N.D			.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.		
13.361	43	3800	m	0.06	ppbv		
0		0		N.D	.		
14.221	43	224906		1.98	ppbv	#	93
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
15.356	43	901	m	0.02	ppbv		
15.59	91	54966		0.28	ppbv		98
0		0		N.D	.		
0		0		N.D	.	d	
16.236	129	949	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
17.352	166	281	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.163	91	1401	m	0.14	ppbv		
19.476	91	1893	m	0.02	ppbv		
19.516	91	1960	m	0.14	ppbv		
19.576	173	853	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.347	91	1725	m	0.09	ppbv		
20.838	57	1393	m	0.04	ppbv		
21.194	95	179714	m	Below	Cal		
21.491	105	774	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.781	105	1769	m	0.03	ppbv		
23.073	105	1052	m	0.05	ppbv		
24.008	105	1146	m	0	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
23.483	105	807	m	0.02	ppbv		
24.343	146	654	m	Below	Cal		
0		0		N.D	.		
24.343	57	111124		0.76	ppbv	#	51
0		0		N.D	.		
24.901	105	1834	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0	N.D		.		
13.361	43	3298	m		0.05	ppbv	
0		0	N.D		.		
14.213	43	296603			2.6	ppbv #	93
0		0	N.D		.	d	
0		0	N.D		.		
0		0	N.D		.		
15.356	43	1535	m		0.03	ppbv	
15.581	91	820883			3.28	ppbv	99
15.874	57	374	m		0.02	ppbv	
0		0	N.D		.		
16.236	129	959	m		0.06	ppbv	
16.168	43	552	m		0.02	ppbv	
0		0	N.D		.		
17.136	43	1801	m		0.03	ppbv	
17.352	166	232	m		0.03	ppbv	
0		0	N.D		.		
0		0	N.D		.		
19.16	91	2993	m		0.14	ppbv	
19.466	91	3660	m		0.03	ppbv	
19.509	91	3349	m		0.14	ppbv	
19.573	173	859	m		0.02	ppbv	
0		0	N.D		.		
0		0	N.D		.		
0		0	N.D		.		
20.347	91	2325	m		0.09	ppbv	
20.831	57	786	m		0.03	ppbv	
21.194	95	191283	m	Below		Cal	
21.499	105	733	m		0.05	ppbv	
0		0	N.D		.	d	
0		0	N.D		.	d	
22.793	105	1350	m		0.03	ppbv	
0		0	N.D		.	d	
24.008	105	730	m		0	ppbv	
0		0	N.D		.		
0		0	N.D		.		
23.483	105	602	m		0.02	ppbv	
24.343	146	894	m	Below		Cal	
0		0	N.D		.		
24.331	57	12833			0.1	ppbv #	46
0		0	N.D		.		
24.912	105	1060	m		0.02	ppbv	
0		0	N.D		.		
24.923	119	8870			0.07	ppbv #	51
0		0	N.D		.		
0		0	N.D		.		
0		0	N.D		.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76)	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81)	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88)	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92)	Ethylbenzene
93)	m-Xylene
94)	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99)	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102)	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114)	Sec-Butyl Benzene
115)	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0	N.D	.		
13.386	43	406	m	0.04	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
16.246	129	611	m	0.05	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
19.59	173	636	m	0.02	ppbv	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
21.201	57	5309		0.09	ppbv #	52
21.201	95	120761	Below	Cal	93	
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		
0		0	N.D	.		

73]	Methyl Methacrylate
74]	Heptane
75]	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78]	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86]	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene

13.232	41	27332		0.74	ppbv	#	88
13.342	43	131891		0.95	ppbv		96
14.163	75	19957		0.71	ppbv		99
14.226	43	51476	m	0.76	ppbv		
14.297	83	35771		0.81	ppbv	#	78
14.926	75	9834		0.67	ppbv	#	57
15.166	97	25216		0.9	ppbv		89
15.346	43	103882		0.9	ppbv	#	92
15.587	91	136805		0.8	ppbv		99
15.871	57	59408		0.8	ppbv		88
16.162	43	83496		2.02	ppbv	#	76
16.221	129	60606		0.88	ppbv		100
16.162	43	83496		0.94	ppbv		87
16.604	107	27683		0.78	ppbv		99
17.129	43	76857		0.77	ppbv		97
17.337	166	44826		0.88	ppbv		96
18.432	131	59664		1.16	ppbv		98
18.465	112	56616		0.92	ppbv		99
19.137	91	180312		0.8	ppbv		96
19.453	91	149840	m	0.78	ppbv		
19.47	91	230116	m	0.95	ppbv		
19.547	173	57013		1	ppbv		100
20.127	104	62793		0.68	ppbv		91
20.038	55	16713	m	0.96	ppbv		
20.294	83	68388		1.04	ppbv		99
20.312	91	207064		0.88	ppbv	#	70
20.817	57	60218		0.88	ppbv		99
21.188	95	207267		19.22	ppbv		96
21.471	105	110350		0.88	ppbv		96
22.542	91	87953		0.76	ppbv	#	100
22.542	91	87953		0.69	ppbv		96
22.783	105	80528		0.66	ppbv	#	47
23.043	105	225387		0.81	ppbv		96
23.952	105	231604		0.76	ppbv	#	97
23.93	119	133363		0.82	ppbv		93
22.867	105	198280		0.76	ppbv		96
23.438	105	88327		0.74	ppbv		93
24.253	146	53280		0.64	ppbv		98
24.41	146	62532		0.66	ppbv		99
24.309	57	88686		0.79	ppbv		95
24.544	105	163533		0.78	ppbv		97
24.856	105	87801		0.66	ppbv		93
25.08	146	66671		0.74	ppbv		99
25.258	119	128351		0.79	ppbv		97
25.493	119	66042		0.78	ppbv		98
25.66	119	77835		0.81	ppbv		91
25.683	91	224719		0.9	ppbv		99

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82)	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87)	Octane
88)	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105)	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113)	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120]	n-Butyl Benzene

0		0		N.D	.	
13.361	43	890	m	0.04	ppbv	
0		0		N.D	.	
14.268	43	8148	m	0.27	ppbv	
14.284	83	260	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
15.375	43	596	m	0.02	ppbv	
15.62	91	904	m	0.07	ppbv	
0		0		N.D	.	
0		0		N.D	.	
16.226	129	849	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
18.444	131	343	m	Below	Cal	
18.467	112	358	m	Below	Cal	
19.17	91	980	m	0.13	ppbv	
19.536	91	1018	m	0.02	ppbv	
19.553	91	894	m	0.13	ppbv	
19.573	173	933	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
20.335	83	449	m	Below	Cal	
20.358	91	1023	m	0.09	ppbv	
20.83	57	314	m	0.03	ppbv	
21.194	95	180384		Below	Cal	93
21.484	105	1054	m	0.05	ppbv	
22.603	91	710	m	0.18	ppbv	
22.603	91	681	m	0.1	ppbv	
0		0		N.D	.	
23.091	105	1549	m	0.05	ppbv	
24.041	105	1099	m	0	ppbv	
23.963	119	659	m	Below	Cal	
0		0		N.D	.	
23.494	105	884	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	. d	
24.588	105	940	m	Below	Cal	
24.923	105	818	m	0.02	ppbv	
0		0		N.D	.	
25.303	119	907	m	0.04	ppbv	
25.537	119	416	m	0.02	ppbv	
0		0		N.D	.	
25.772	91	916	m	0.07	ppbv	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80)	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	. d	
13.349	43	7042		0.07	ppbv #	40
0		0		N.D	.	
14.213	43	168693		1.63	ppbv #	91
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
15.581	91	91924		0.45	ppbv	99
15.864	57	348	m	0.02	ppbv	
0		0		N.D	.	
16.236	129	795	m	0.05	ppbv	
16.168	43	510	m	0.02	ppbv	
0		0		N.D	.	
17.136	43	1489	m	0.03	ppbv	
17.332	166	282	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
19.17	91	1402	m	0.14	ppbv	
19.472	91	1995	m	0.02	ppbv	
19.506	91	1906	m	0.14	ppbv	
19.58	173	804	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
20.353	91	1452	m	0.09	ppbv	
20.823	57	576	m	0.03	ppbv	
21.194	95	174963		Below	Cal	91
21.484	105	491	m	0.05	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
23.494	105	554	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
24.331	57	11510		0.1	ppbv #	46
0		0		N.D	.	
24.901	105	744	m	0.02	ppbv	
0		0		N.D	.	
24.923	119	5271		0.06	ppbv #	51
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83)	2-Hexanone
84]	Dibromochloromethane
85)	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117)	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.349	43	7300		0.07	ppbv	#	40
0		0		N.D	.		
14.213	43	171650		1.59	ppbv	#	92
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
15.346	43	972	m	0.02	ppbv		
15.581	91	92324		0.44	ppbv		99
15.864	57	404	m	0.02	ppbv		
0		0		N.D	.		
16.227	129	828	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
17.137	43	1075	m	0.03	ppbv		
17.342	166	343	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.17	91	1404	m	0.14	ppbv		
19.469	91	2117	m	0.02	ppbv		
19.513	91	2142	m	0.14	ppbv		
19.566	173	772	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.347	91	1315	m	0.09	ppbv		
20.823	57	386	m	0.03	ppbv		
21.194	95	180696		Below	Cal		92
21.484	105	618	m	0.05	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.	d	
0		0		N.D	.	d	
24.019	105	1002	m	0	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
24.331	57	2027	m	0.03	ppbv		
0		0		N.D	.		
24.901	105	742	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103)	Chlorotoluenes
104)	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.361	43	8408		0.08	ppbv	#	40
0		0		N.D	.		
14.213	43	311800		2.79	ppbv	#	93
14.3	83	2912	m	0.06	ppbv		
0		0		N.D	.		
0		0		N.D	.		
15.356	43	2910	m	0.03	ppbv		
15.581	91	1192263		4.8	ppbv		99
15.865	57	856	m	0.03	ppbv		
16.158	43	1215	m	Below	Cal		
16.227	129	930	m	0.06	ppbv		
16.158	43	1266	m	0.03	ppbv		
0		0		N.D	.		
17.137	43	2658	m	0.04	ppbv		
17.352	166	474	m	0.04	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.167	91	3716	m	0.14	ppbv		
19.459	91	5044		0.03	ppbv	#	37
19.492	91	4265	m	0.14	ppbv		
19.57	173	884	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.341	91	3323	m	0.09	ppbv		
20.831	57	1008	m	0.03	ppbv		
21.194	95	181300	m	Below	Cal		
21.491	105	944	m	0.05	ppbv		
0		0		N.D	.	d	
0		0		N.D	.	d	
22.793	105	2186	m	0.04	ppbv		
23.097	105	945	m	0.05	ppbv		
23.997	105	1667	m	0.01	ppbv		
0		0		N.D	.		
0		0		N.D	.		
23.472	105	666	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
24.332	57	6786		0.06	ppbv	#	46
0		0		N.D	.		
24.901	105	1809	m	0.03	ppbv		
0		0		N.D	.		
24.912	119	17441		0.11	ppbv	#	51
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105)	m-Ethyltoluene
106)	1,3,5-Trimethylbenzene
107)	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109)	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114)	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119)	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	
13.373	43	1555	m	0.04	ppbv	
0		0		N.D	.	
14.229	43	75630		0.82	ppbv #	90
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
15.365	43	914	m	0.02	ppbv	
15.59	91	277097		1.2	ppbv	99
15.874	57	517	m	0.02	ppbv	
16.168	43	597	m	Below	Cal	
16.236	129	975	m	0.06	ppbv	
16.168	43	583	m	0.02	ppbv	
0		0		N.D	.	
17.136	43	1709	m	0.03	ppbv	
17.352	166	355	m	0.03	ppbv	
0		0		N.D	.	
0		0		N.D	.	
19.163	91	1648	m	0.14	ppbv	
19.469	91	2288	m	0.02	ppbv	
19.502	91	3245	m	0.14	ppbv	
19.583	173	869	m	0.02	ppbv	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
20.341	91	1770	m	0.09	ppbv	
20.823	57	713	m	0.03	ppbv	
21.194	95	177829	m	Below	Cal	
21.499	105	606	m	0.05	ppbv	
22.239	91	5018		0.2	ppbv #	100
22.239	91	5018		0.12	ppbv #	59
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	
24.343	57	2924	m	0.04	ppbv	
0		0		N.D	.	
24.901	105	912	m	0.02	ppbv	
0		0		N.D	.	
24.923	119	6896		0.07	ppbv #	51
0		0		N.D	.	
0		0		N.D	.	
0		0		N.D	.	

73)	Methyl Methacrylate
74]	Heptane
75)	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77)	Methylcyclohexane
78)	trans-1,3-Dichloropropene
79)	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86)	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90)	1,1,1,2-Tetrachloroethane
91)	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96)	Styrene
97)	Butyl Acrylate
98)	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108)	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110)	o-Ethyltoluene
111)	1,3-Dichlorobenzene
112)	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116)	1,2-Dichlorobenzene
117]	o-Cymene
118)	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120)	n-Butyl Benzene

0		0		N.D	.	d	
13.361	43	3580	m	0.05	ppbv		
0		0		N.D	.		
14.221	43	105196		1.05	ppbv	#	93
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
15.346	43	2474	m	0.03	ppbv		
15.581	91	3967518		14.64	ppbv		99
15.874	57	1863	m	0.04	ppbv		
16.158	43	1780	m	Below	Cal		
16.226	129	1002	m	0.06	ppbv		
16.158	43	1661	m	0.03	ppbv		
0		0		N.D	.		
17.136	43	3752	m	0.05	ppbv		
17.342	166	316	m	0.03	ppbv		
0		0		N.D	.		
0		0		N.D	.		
19.16	91	5814		0.15	ppbv	#	49
19.455	91	10694	m	0.05	ppbv		
19.492	91	8315	m	0.15	ppbv		
19.57	173	981	m	0.02	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
20.329	91	7043		0.1	ppbv	#	100
20.823	57	1363	m	0.03	ppbv		
21.194	95	199114	m	Below	Cal		
21.491	105	1044	m	0.05	ppbv		
22.245	91	11824		0.23	ppbv	#	100
22.245	91	11824		0.15	ppbv	#	59
22.811	105	3729	m	0.04	ppbv		
23.079	105	2010	m	0.05	ppbv		
23.996	105	3756	m	0.01	ppbv		
0		0		N.D	.	d	
22.912	105	2074	m	0.08	ppbv		
0		0		N.D	.		
0		0		N.D	.		
0		0		N.D	.		
24.331	57	4220	m	0.04	ppbv		
24.119	105	7874		Below	Cal	#	1
24.901	105	2725	m	0.03	ppbv		
0		0		N.D	.		
24.923	119	16031		0.1	ppbv	#	51
0		0		N.D	.		
25.727	119	835	m	0.03	ppbv		
0		0		N.D	.		

121] Undecane
122] 1,2,4-Trichlorobenzene
123] Naphthalene
124] Dodecane
125] Hexachlorobutadiene

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed May 22 13:56:38 2019

26.676	57	132696	0.93	ppbv	97
27.941	180	124014	1.05	ppbv	99
28.08	128	199473	0.96	ppbv	100
28.255	57	79291	0.91	ppbv	95
28.614	225	232313	1.2	ppbv	99

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:07:24 2019

26.698	57	2144	m	0.03	ppbv
27.989	180	1351	m	0.1	ppbv
28.155	128	3374	m	0.25	ppbv
28.275	57	2108	m	0.04	ppbv
28.616	225	2891	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:12:44 2019

26.71	57	974	m	0.03	ppbv
28.024	180	356	m	0.09	ppbv
28.209	128	1264	m	0.25	ppbv
28.273	57	1672	m	0.04	ppbv
28.614	225	2686	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:14:35 2019

26.687	57	1147	m	0.03	ppbv
28.006	180	564	m	0.09	ppbv
28.172	128	1463	m	0.25	ppbv
28.264	57	1587	m	0.04	ppbv
28.614	225	2218	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:18:43 2019

26.732	57	730	m	0.03	ppbv
28.015	180	756	m	0.09	ppbv
28.255	128	1480	m	0.25	ppbv
28.291	57	877	m	0.03	ppbv
28.623	225	2443	m	Below	Cal
---	---	---	-	---	---

121)	Undecane
122)	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:20:15 2019

0		0		N.D	.
0		0		N.D	.
28.227	128	774	m	0.25	ppbv
28.292	57	657	m	0.03	ppbv
28.623	225	2331	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:22:57 2019

26.721	57	1141	m	0.03	ppbv
28.026	180	662	m	0.09	ppbv
28.22	128	1011	m	0.25	ppbv
28.293	57	1233	m	0.04	ppbv
28.616	225	2339	m	Below	Cal
---	---	---	-	---	---

121)	Undecane
122)	1,2,4-Trichlorobenzene
123)	Naphthalene
124)	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed May 22 14:12:25 2019

0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
28.616	225	1647	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Thu May 16 16:35:25 2019

26.678	57	108943	0.8	ppbv	97
27.943	180	95990	0.86	ppbv	97
28.082	128	148436	0.79	ppbv	100
28.257	57	50684	0.61	ppbv	99
28.616	225	199528	1.06	ppbv	99

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 13:57:30 2019

26.71	57	1571	m	0.03	ppbv
28.024	180	1192	m	0.1	ppbv
28.209	128	1496	m	0.25	ppbv
28.329	57	2798	m	0.05	ppbv
28.614	225	5795		Below	Cal # 19
---	---	---	-	---	---

121)	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:00:57 2019

0		0		N.D	. d
28.017	180	809	m	0.09	ppbv
28.146	128	4488	m	0.26	ppbv
28.275	57	2992	m	0.05	ppbv
28.616	225	2518	m	Below	Cal
---	---	---	-	---	---

121)	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:02:51 2019

0		0		N.D	.
28.015	180	519	m	0.09	ppbv
28.163	128	3906	m	0.25	ppbv
28.273	57	2867	m	0.05	ppbv
28.614	225	2062	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:06:57 2019

26.687	57	3481	m		0.04	ppbv	
27.989	180	631	m		0.09	ppbv	
28.146	128	5359	m		0.26	ppbv	
28.266	57	6658			0.08	ppbv #	44
28.616	225	2576	m	Below		Cal	
---	---	---	-	---		---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:08:15 2019

26.687	57	6426			0.06	ppbv #	46
27.989	180	898	m		0.09	ppbv	
28.118	128	15780	m		0.29	ppbv	
28.266	57	9824			0.11	ppbv #	44
28.616	225	3147	m	Below		Cal	
---	---	---	-	---		---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:10:17 2019

26.687	57	5634		0.05	ppbv #	46
27.997	180	551	m	0.09	ppbv	
28.135	128	7066	m	0.26	ppbv	
28.264	57	3774	m	0.06	ppbv	
28.614	225	2250	m	Below	Cal	
---	---	---	-	---	---	

121]	Undecane
122)	1,2,4-Trichlorobenzene
123)	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:17:00 2019

26.687	57	5119		0.05	ppbv #	46
0		0		N.D	.	
0		0		N.D	. d	
28.273	57	4937	m	0.07	ppbv	
28.623	225	1719	m	Below	Cal	
---	---	---	-	---	---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:19:15 2019

26.676	57	14475		0.1	ppbv #	58
27.989	180	777	m	0.09	ppbv	
28.118	128	11158	m	0.27	ppbv	
28.257	57	21326		0.2	ppbv #	83
28.616	225	3332	m	Below	Cal	
---	---	---	-	---	---	

121)	Undecane
122)	1,2,4-Trichlorobenzene
123)	Naphthalene
124)	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:22:44 2019

0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
28.616	225	1173	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri Apr 26 10:01:11 2019

26.676	57	90627	0.77	ppbv	97
27.941	180	73198	0.77	ppbv	95
28.089	128	122423	0.77	ppbv	100
28.264	57	39347	0.55	ppbv	99
28.614	225	175679	1.08	ppbv	99

121]	Undecane
122)	1,2,4-Trichlorobenzene
123)	Naphthalene
124)	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:31:58 2019

26.754	57	764	m	0.03	ppbv
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
28.623	225	1796	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:34:43 2019

26.687	57	13460		0.09	ppbv #	54
27.978	180	405	m	0.09	ppbv	
28.144	128	4857	m	0.26	ppbv	
28.264	57	31318		0.29	ppbv	94
28.623	225	1976	m	Below	Cal	
---	---	---	-	---	---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:38:17 2019

26.687	57	12964		0.09	ppbv #	59
27.997	180	324	m	0.09	ppbv	
28.144	128	4628	m	0.26	ppbv	
28.264	57	31675		0.3	ppbv	95
28.614	225	1574	m	Below	Cal	
---	---	---	-	---	---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:40:41 2019

26.676	57	26844		0.17	ppbv	#	70
27.978	180	811	m	0.09	ppbv		
28.126	128	6357	m	0.26	ppbv		
28.255	57	38623		0.36	ppbv		96
28.614	225	2721	m	Below	Cal		
---	---	---	-	---	---		

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:42:11 2019

26.687	57	11729		0.09	ppbv #	72
27.969	180	2355	m	0.1	ppbv	
28.107	128	19069	m	0.3	ppbv	
28.264	57	23472		0.24	ppbv	97
28.614	225	9587	m	Below	Cal	
---	---	---	-	---	---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:43:44 2019

26.687	57	3810	m		0.05	ppbv	
27.989	180	537	m		0.09	ppbv	
28.118	128	10868	m		0.28	ppbv	
28.257	57	34660			0.37	ppbv	99
28.616	225	2292	m	Below		Cal	
---	---	---	-	---		---	

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:46:16 2019

26.698	57	2326	m		0.04	ppbv	
27.997	180	622	m		0.09	ppbv	
28.162	128	4068	m		0.26	ppbv	
28.264	57	6287			0.09	ppbv #	44
28.614	225	3967	m	Below	Cal		
---	---	---	-	---	---		

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:47:25 2019

26.71	57	1930	m		0.04	ppbv
28.006	180	302	m		0.09	ppbv
28.181	128	2010	m		0.25	ppbv
28.273	57	2413	m		0.05	ppbv
28.614	225	2057	m	Below		Cal
---	---	---	-	---		---

121)	Undecane
122)	1,2,4-Trichlorobenzene
123)	Naphthalene
124)	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:52:02 2019

0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
0		0		N.D	.
28.623	225	1044	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri May 17 14:53:54 2019

26.676	57	79847	0.73	ppbv	98
27.941	180	68266	0.77	ppbv	99
28.089	128	104968	0.73	ppbv	100
28.264	57	34603	0.53	ppbv	99
28.614	225	155267	1.03	ppbv	99

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Mon May 20 10:29:56 2019

26.721	57	987	m	0.03	ppbv
28.024	180	941	m	0.1	ppbv
28.236	128	1466	m	0.25	ppbv
28.291	57	800	m	0.03	ppbv
28.623	225	4405	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Mon May 20 10:34:56 2019

26.698	57	1578	m	0.03	ppbv
28.006	180	476	m	0.09	ppbv
28.163	128	2331	m	0.25	ppbv
28.273	57	3011	m	0.06	ppbv
28.623	225	1795	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Mon May 20 11:03:22 2019

26.71	57	1602	m	0.03	ppbv
28.07	180	406	m	0.09	ppbv
28.181	128	2035	m	0.25	ppbv
28.273	57	2467	m	0.05	ppbv
28.614	225	1613	m	Below	Cal
---	---	---	-	---	---

121)	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Mon May 20 11:05:05 2019

0		0		N.D	.
27.988	180	375	m	0.09	ppbv
28.144	128	2667	m	0.25	ppbv
28.273	57	2889	m	0.06	ppbv
28.623	225	1990	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Mon May 20 11:08:24 2019

26.698	57	1331	m	0.03	ppbv
28.017	180	289	m	0.09	ppbv
28.174	128	2703	m	0.25	ppbv
28.275	57	2882	m	0.06	ppbv
28.616	225	1610	m	Below	Cal
---	---	---	-	---	---

121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene
---	---

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Mon May 20 11:10:08 2019

26.71	57	1950	m	0.03	ppbv
28.017	180	294	m	0.09	ppbv
28.164	128	2423	m	0.25	ppbv
28.275	57	2711	m	0.05	ppbv
28.625	225	1993	m	Below	Cal
---	---	---	-	---	---

S16-can 321 Data File Name 030719004.D

Internal standards	Ret Time	Amount	Units	Target Response	Q1 Signal
Bromochloromethane	10.01	20.00	ppbv	145242	49.1
1,4-Difluorobenzene	12.10	20.00	ppbv	621227	88.1
Chlorobenzene-d5	18.39	20.00	ppbv	298763	117.1
Target Compounds					
Propylene	5.15	0.07	ppbv	59970	42.2
Propane	5.16	0.27	ppbv	44894	44.1
Dichlorodifluoromethane	5.38	-1.00	ppbv	534	87
Chloromethane	0.00	0.00	ppbv	0	52.1
Isobutane	5.94	0.04	ppbv	44397	42.2
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0	135
Vinyl Chloride	0.00	0.00	ppbv	0	64.1
1-Butene	6.22	0.08	ppbv	174934	56.1
1,3-Butadiene	0.00	0.00	ppbv	0	39.1
Butane	6.36	-1.00	ppbv	2109	58.1
trans-2-butene	0.00	0.00	ppbv	0	56.1
Bromomethane	0.00	0.00	ppbv	0	96
cis-2-butene	0.00	0.00	ppbv	0	56.1
Chloroethane	0.00	0.00	ppbv	0	66.1
Ethanol	6.90	0.85	ppbv	108465	45.1
Vinyl Bromide	0.00	0.00	ppbv	0	108
Acetonitrile	0.00	0.00	ppbv	0	40.1
Acrolein	7.23	-1.00	ppbv	2430	55.1
Acetone	7.33	0.22	ppbv	170817	58.1
iso-Pentane	7.33	0.00	ppbv	4096	57.1
Trichlorofluoromethane	7.50	-1.00	ppbv	349	103
Isopropyl Alcohol	7.54	-1.00	ppbv	5678	41.1
1-Pentene	0.00	0.00	ppbv	0	55.1
Acrylonitrile	0.00	0.00	ppbv	0	52.1
n-Pentane	0.00	0.00	ppbv	0	57.1
Isoprene	0.00	0.00	ppbv	0	53.1
trans-2-pentene	0.00	0.00	ppbv	0	70.1
cis-2-pentene	0.00	0.00	ppbv	0	70.1
Tert-Butanol	8.03	-1.00	ppbv	6170	41.1
1,1-Dichloroethene	0.00	0.00	ppbv	0	96
Methylene Chloride	8.11	-1.00	ppbv	1869	49.1
3-Chloro-1-Propene	0.00	0.00	ppbv	0	76.1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv	0	85
Carbon Disulfide	8.41	-0.61	ppbv	2297	44.1
2,2-Dimethylbutane	0.00	0.00	ppbv	0	57.1
trans-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Cyclopentane	9.15	0.02	ppbv	1625	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0	43.1

	S13 can RK9		Data File Name
Internal standards	Ret Time	Amount	Units
Bromochloromethane	10.00	20.00	ppbv
1,4-Difluorobenzene	12.09	20.00	ppbv
Chlorobenzene-d5	18.39	20.00	ppbv
Target Compounds			
Propylene	5.14	-1.00	ppbv
Propane	5.19	-1.00	ppbv
Dichlorodifluoromethane	5.41	-1.00	ppbv
Chloromethane	0.00	0.00	ppbv
Isobutane	5.93	0.02	ppbv
Dichlorotetrafluoroethane	5.97	-1.00	ppbv
Vinyl Chloride	6.08	-1.00	ppbv
1-Butene	6.20	0.02	ppbv
1,3-Butadiene	0.00	0.00	ppbv
Butane	6.33	0.02	ppbv
trans-2-butene	0.00	0.00	ppbv
Bromomethane	6.61	-1.00	ppbv
cis-2-butene	0.00	0.00	ppbv
Chloroethane	0.00	0.00	ppbv
Ethanol	6.88	0.42	ppbv
Vinyl Bromide	7.14	-1.00	ppbv
Acetonitrile	7.11	-1.00	ppbv
Acrolein	7.22	-1.00	ppbv
Acetone	7.32	0.38	ppbv
iso-Pentane	7.34	0.04	ppbv
Trichlorofluoromethane	7.49	-1.00	ppbv
Isopropyl Alcohol	7.53	-1.00	ppbv
1-Pentene	7.57	0.00	ppbv
Acrylonitrile	0.00	0.00	ppbv
n-Pentane	7.75	0.01	ppbv
Isoprene	7.85	0.01	ppbv
trans-2-pentene	7.87	0.01	ppbv
cis-2-pentene	8.02	0.01	ppbv
Tert-Butanol	8.02	-1.00	ppbv
1,1-Dichloroethene	8.00	-1.00	ppbv
Methylene Chloride	8.09	-1.00	ppbv
3-Chloro-1-Propene	8.19	-1.00	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane	8.29	-1.00	ppbv
Carbon Disulfide	8.39	-0.60	ppbv
2,2-Dimethylbutane	8.45	-0.01	ppbv
trans-1,2-Dichloroethene	8.87	-1.00	ppbv
Cyclopentane	9.15	0.03	ppbv
2,3-Dimethylbutane	0.00	0.00	ppbv

030719007.D

Target Response	Q1 Signal	
		Internal standards
134062	49.1	Bromochloromethane
603208	88.1	1,4-Difluorobenzene
320317	117.1	Chlorobenzene-d5
		Target Compounds
41503	42.2	Propylene
28976	44.1	Propane
1394	87	Dichlorodifluoromethane
0	52.1	Chloromethane
37888	42.2	Isobutane
1378	135	Dichlorotetrafluoroethane
1026	64.1	Vinyl Chloride
149402	56.1	1-Butene
0	39.1	1,3-Butadiene
9570	58.1	Butane
0	56.1	trans-2-butene
716	96	Bromomethane
0	56.1	cis-2-butene
0	66.1	Chloroethane
55910	45.1	Ethanol
655	108	Vinyl Bromide
9007	40.1	Acetonitrile
1799	55.1	Acrolein
206606	58.1	Acetone
9390	57.1	iso-Pentane
2572	103	Trichlorofluoromethane
5684	41.1	Isopropyl Alcohol
1471	55.1	1-Pentene
0	52.1	Acrylonitrile
3812	57.1	n-Pentane
1050	53.1	Isoprene
1939	70.1	trans-2-pentene
2023	70.1	cis-2-pentene
7222	41.1	Tert-Butanol
1308	96	1,1-Dichloroethene
1064	49.1	Methylene Chloride
1052	76.1	3-Chloro-1-Propene
1617	85	1,1,2-Trichloro-1,2,2-trifluoroethane
3478	44.1	Carbon Disulfide
1425	57.1	2,2-Dimethylbutane
1051	96	trans-1,2-Dichloroethene
2464	0	Cyclopentane
0	43.1	2,3-Dimethylbutane

S6 can 404 Data File Name 110618010.D

Ret Time	Amount	Units	Target Response	Q1 Signal
9.85	20.00	ppbv	301926	49.1
11.99	20.00	ppbv	892984	88.1
18.36	20.00	ppbv	240491	117.1
5.18	-1.00	ppbv	12496	42.2
5.21	-1.00	ppbv	9280	44.1
5.30	-1.00	ppbv	577	87
0.00	0.00	ppbv	0	52.1
0.00	0.00	ppbv	0	42.2
0.00	0.00	ppbv	0	135
0.00	0.00	ppbv	0	64.1
5.94	-1.00	ppbv	97707	56.1
0.00	0.00	ppbv	0	39.1
0.00	0.00	ppbv	0	58.1
0.00	0.00	ppbv	0	56.1
0.00	0.00	ppbv	0	96
0.00	0.00	ppbv	0	56.1
0.00	0.00	ppbv	0	66.1
6.57	-1.00	ppbv	6615	45.1
0.00	0.00	ppbv	0	108
0.00	0.00	ppbv	0	40.1
6.96	-1.00	ppbv	1566	55.1
7.08	-1.00	ppbv	93696	58.1
0.00	0.00	ppbv	0	57.1
7.24	-1.00	ppbv	447	103
7.30	-1.00	ppbv	1519	41.1
0.00	0.00	ppbv	0	55.1
0.00	0.00	ppbv	0	52.1
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	53.1
0.00	0.00	ppbv	0	70.1
0.00	0.00	ppbv	0	70.1
7.81	-1.00	ppbv	4588	41.1
0.00	0.00	ppbv	0	96
7.90	-1.00	ppbv	6410	49.1
7.81	-1.00	ppbv	1768	76.1
0.00	0.00	ppbv	0	85
8.20	-0.61	ppbv	2717	44.1
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	96
0.00	0.00	ppbv	0	0
0.00	0.00	ppbv	0	43.1

S2 can 721 Data File Name 110618008.D

Internal standards	Ret Time	Amount	Units	Target Response	Q1 Signal
Bromochloromethane	9.86	20.00	ppbv	323482	49.1
1,4-Difluorobenzene	12.00	20.00	ppbv	951794	88.1
Chlorobenzene-d5	18.36	20.00	ppbv	261395	117.1
Target Compounds					
Propylene	5.17	-1.00	ppbv	13772	42.2
Propane	5.20	-1.00	ppbv	12292	44.1
Dichlorodifluoromethane	5.30	-1.00	ppbv	660	87
Chloromethane	5.55	-1.00	ppbv	1326	52.1
Isobutane	0.00	0.00	ppbv	0	42.2
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0	135
Vinyl Chloride	0.00	0.00	ppbv	0	64.1
1-Butene	5.94	-1.00	ppbv	99435	56.1
1,3-Butadiene	0.00	0.00	ppbv	0	39.1
Butane	0.00	0.00	ppbv	0	58.1
trans-2-butene	0.00	0.00	ppbv	0	56.1
Bromomethane	0.00	0.00	ppbv	0	96
cis-2-butene	0.00	0.00	ppbv	0	56.1
Chloroethane	0.00	0.00	ppbv	0	66.1
Ethanol	6.59	-1.00	ppbv	7662	45.1
Vinyl Bromide	0.00	0.00	ppbv	0	108
Acetonitrile	0.00	0.00	ppbv	0	40.1
Acrolein	6.96	-1.00	ppbv	1726	55.1
Acetone	7.09	-1.00	ppbv	94748	58.1
iso-Pentane	0.00	0.00	ppbv	0	57.1
Trichlorofluoromethane	7.25	-1.00	ppbv	487	103
Isopropyl Alcohol	7.30	-1.00	ppbv	2772	41.1
1-Pentene	0.00	0.00	ppbv	0	55.1
Acrylonitrile	0.00	0.00	ppbv	0	52.1
n-Pentane	0.00	0.00	ppbv	0	57.1
Isoprene	0.00	0.00	ppbv	0	53.1
trans-2-pentene	0.00	0.00	ppbv	0	70.1
cis-2-pentene	0.00	0.00	ppbv	0	70.1
Tert-Butanol	7.83	-1.00	ppbv	4244	41.1
1,1-Dichloroethene	0.00	0.00	ppbv	0	96
Methylene Chloride	7.90	-1.00	ppbv	6471	49.1
3-Chloro-1-Propene	0.00	0.00	ppbv	0	76.1
1,1,2-Trichloro-1,2,2-trifluoroethane	8.12	-1.00	ppbv	168	85
Carbon Disulfide	8.20	-0.62	ppbv	2493	44.1
2,2-Dimethylbutane	0.00	0.00	ppbv	0	57.1
trans-1,2-Dichloroethene	8.69	-1.00	ppbv	150	96
Cyclopentane	0.00	0.00	ppbv	0	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0	43.1

	S15 can 723		Data File Name
Internal standards	Ret Time	Amount	Units
Bromochloromethane	9.86	20.00	ppbv
1,4-Difluorobenzene	11.99	20.00	ppbv
Chlorobenzene-d5	18.35	20.00	ppbv
Target Compounds			
Propylene	0.00	0.00	ppbv
Propane	0.00	0.00	ppbv
Dichlorodifluoromethane	0.00	0.00	ppbv
Chloromethane	0.00	0.00	ppbv
Isobutane	0.00	0.00	ppbv
Dichlorotetrafluoroethane	0.00	0.00	ppbv
Vinyl Chloride	0.00	0.00	ppbv
1-Butene	5.95	-1.00	ppbv
1,3-Butadiene	0.00	0.00	ppbv
Butane	0.00	0.00	ppbv
trans-2-butene	0.00	0.00	ppbv
Bromomethane	0.00	0.00	ppbv
cis-2-butene	0.00	0.00	ppbv
Chloroethane	0.00	0.00	ppbv
Ethanol	0.00	0.00	ppbv
Vinyl Bromide	0.00	0.00	ppbv
Acetonitrile	0.00	0.00	ppbv
Acrolein	0.00	0.00	ppbv
Acetone	7.09	-1.00	ppbv
iso-Pentane	0.00	0.00	ppbv
Trichlorofluoromethane	0.00	0.00	ppbv
Isopropyl Alcohol	7.30	-1.00	ppbv
1-Pentene	0.00	0.00	ppbv
Acrylonitrile	0.00	0.00	ppbv
n-Pentane	0.00	0.00	ppbv
Isoprene	0.00	0.00	ppbv
trans-2-pentene	0.00	0.00	ppbv
cis-2-pentene	0.00	0.00	ppbv
Tert-Butanol	7.82	-1.00	ppbv
1,1-Dichloroethene	0.00	0.00	ppbv
Methylene Chloride	7.89	-1.00	ppbv
3-Chloro-1-Propene	0.00	0.00	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv
Carbon Disulfide	8.19	-0.59	ppbv
2,2-Dimethylbutane	0.00	0.00	ppbv
trans-1,2-Dichloroethene	0.00	0.00	ppbv
Cyclopentane	0.00	0.00	ppbv
2,3-Dimethylbutane	0.00	0.00	ppbv

111318001.D

Target Response	Q1 Signal	
		Internal standards
1180274	49.1	Bromochloromethane
4323830	88.1	1,4-Difluorobenzene
994660	117.1	Chlorobenzene-d5
		Target Compounds
0	42.2	Propylene
0	44.1	Propane
0	87	Dichlorodifluoromethane
0	52.1	Chloromethane
0	42.2	Isobutane
0	135	Dichlorotetrafluoroethane
0	64.1	Vinyl Chloride
296696	56.1	1-Butene
0	39.1	1,3-Butadiene
0	58.1	Butane
0	56.1	trans-2-butene
0	96	Bromomethane
0	56.1	cis-2-butene
0	66.1	Chloroethane
0	45.1	Ethanol
0	108	Vinyl Bromide
0	40.1	Acetonitrile
0	55.1	Acrolein
279810	58.1	Acetone
0	57.1	iso-Pentane
0	103	Trichlorofluoromethane
34915	41.1	Isopropyl Alcohol
0	55.1	1-Pentene
0	52.1	Acrylonitrile
0	57.1	n-Pentane
0	53.1	Isoprene
0	70.1	trans-2-pentene
0	70.1	cis-2-pentene
12590	41.1	Tert-Butanol
0	96	1,1-Dichloroethene
32228	49.1	Methylene Chloride
0	76.1	3-Chloro-1-Propene
0	85	1,1,2-Trichloro-1,2,2-trifluoroethane
41391	44.1	Carbon Disulfide
0	57.1	2,2-Dimethylbutane
0	96	trans-1,2-Dichloroethene
0	0	Cyclopentane
0	43.1	2,3-Dimethylbutane

S4 can A378 Data File Name 111318012.D

Ret Time	Amount	Units	Target Response	Q1 Signal
9.85	20.00	ppbv	1448952	49.1
11.98	20.00	ppbv	4860468	88.1
18.35	20.00	ppbv	1281611	117.1
5.18	0.07	ppbv	70370	42.2
5.20	0.29	ppbv	54342	44.1
5.28	-1.00	ppbv	2407	87
5.56	-1.00	ppbv	5462	52.1
0.00	0.00	ppbv	0	42.2
0.00	0.00	ppbv	0	135
0.00	0.00	ppbv	0	64.1
5.94	0.46	ppbv	344866	56.1
5.94	0.01	ppbv	11713	39.1
0.00	0.00	ppbv	0	58.1
0.00	0.00	ppbv	0	56.1
0.00	0.00	ppbv	0	96
0.00	0.00	ppbv	0	56.1
6.48	-1.00	ppbv	756	66.1
6.59	0.05	ppbv	40426	45.1
6.94	-1.00	ppbv	3798	108
0.00	0.00	ppbv	0	40.1
6.96	0.26	ppbv	31809	55.1
7.08	0.86	ppbv	1120168	58.1
0.00	0.00	ppbv	0	57.1
7.25	-1.00	ppbv	1999	103
7.30	0.27	ppbv	53386	41.1
0.00	0.00	ppbv	0	55.1
0.00	0.00	ppbv	0	52.1
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	53.1
0.00	0.00	ppbv	0	70.1
0.00	0.00	ppbv	0	70.1
0.00	0.00	ppbv	0	41.1
0.00	0.00	ppbv	0	96
7.89	0.09	ppbv	32637	49.1
0.00	0.00	ppbv	0	76.1
8.12	-1.00	ppbv	512	85
8.19	-0.10	ppbv	44660	44.1
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	96
0.00	0.00	ppbv	0	0
0.00	0.00	ppbv	0	43.1

S4 can Ambient Data File Name 110818012.D

Internal standards	Ret Time	Amount	Units	Target Response
Bromochloromethane	9.84	20.00	ppbv	1872732
1,4-Difluorobenzene	11.98	20.00	ppbv	7296445
Chlorobenzene-d5	18.35	20.00	ppbv	1928263
Target Compounds				
Propylene	5.17	0.08	ppbv	109217
Propane	5.18	0.33	ppbv	79208
Dichlorodifluoromethane	5.27	-1.00	ppbv	2198
Chloromethane	5.53	-1.00	ppbv	10871
Isobutane	0.00	0.00	ppbv	0
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0
Vinyl Chloride	0.00	0.00	ppbv	0
1-Butene	5.93	0.46	ppbv	449507
1,3-Butadiene	5.93	0.01	ppbv	14894
Butane	0.00	0.00	ppbv	0
trans-2-butene	0.00	0.00	ppbv	0
Bromomethane	0.00	0.00	ppbv	0
cis-2-butene	0.00	0.00	ppbv	0
Chloroethane	0.00	0.00	ppbv	0
Ethanol	6.57	-1.00	ppbv	25448
Vinyl Bromide	6.94	0.01	ppbv	15781
Acetonitrile	6.83	-1.00	ppbv	11636
Acrolein	6.95	0.25	ppbv	38618
Acetone	7.07	0.57	ppbv	1039708
iso-Pentane	0.00	0.00	ppbv	0
Trichlorofluoromethane	7.24	-1.00	ppbv	1327
Isopropyl Alcohol	7.29	0.12	ppbv	41328
1-Pentene	0.00	0.00	ppbv	0
Acrylonitrile	0.00	0.00	ppbv	0
n-Pentane	0.00	0.00	ppbv	0
Isoprene	0.00	0.00	ppbv	0
trans-2-pentene	0.00	0.00	ppbv	0
cis-2-pentene	0.00	0.00	ppbv	0
Tert-Butanol	7.81	0.04	ppbv	26464
1,1-Dichloroethene	0.00	0.00	ppbv	0
Methylene Chloride	7.89	0.10	ppbv	43547
3-Chloro-1-Propene	0.00	0.00	ppbv	0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv	0
Carbon Disulfide	8.19	-0.13	ppbv	22922
2,2-Dimethylbutane	0.00	0.00	ppbv	0
trans-1,2-Dichloroethene	0.00	0.00	ppbv	0
Cyclopentane	0.00	0.00	ppbv	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0

S3 can 2504

Q1 Signal	Internal standards	Ret Time	Amount
49.1	Bromochloromethane	9.86	20.00
88.1	1,4-Difluorobenzene	12.00	20.00
117.1	Chlorobenzene-d5	18.36	20.00
	Target Compounds		
42.2	Propylene	5.17	0.07
44.1	Propane	5.20	0.30
87	Dichlorodifluoromethane	5.30	-1.00
52.1	Chloromethane	5.56	-1.00
42.2	Isobutane	0.00	0.00
135	Dichlorotetrafluoroethane	0.00	0.00
64.1	Vinyl Chloride	0.00	0.00
56.1	1-Butene	5.94	0.48
39.1	1,3-Butadiene	0.00	0.00
58.1	Butane	0.00	0.00
56.1	trans-2-butene	0.00	0.00
96	Bromomethane	0.00	0.00
56.1	cis-2-butene	0.00	0.00
66.1	Chloroethane	0.00	0.00
45.1	Ethanol	6.60	0.04
108	Vinyl Bromide	6.88	-1.00
40.1	Acetonitrile	6.85	0.01
55.1	Acrolein	6.97	0.10
58.1	Acetone	7.09	0.36
57.1	iso-Pentane	0.00	0.00
103	Trichlorofluoromethane	7.26	-1.00
41.1	Isopropyl Alcohol	7.31	0.11
55.1	1-Pentene	0.00	0.00
52.1	Acrylonitrile	0.00	0.00
57.1	n-Pentane	7.56	-1.00
53.1	Isoprene	0.00	0.00
70.1	trans-2-pentene	0.00	0.00
70.1	cis-2-pentene	7.82	0.01
41.1	Tert-Butanol	7.83	0.05
96	1,1-Dichloroethene	0.00	0.00
49.1	Methylene Chloride	7.91	0.10
76.1	3-Chloro-1-Propene	0.00	0.00
85	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00
44.1	Carbon Disulfide	8.21	-0.14
57.1	2,2-Dimethylbutane	0.00	0.00
96	trans-1,2-Dichloroethene	0.00	0.00
0	Cyclopentane	0.00	0.00
43.1	2,3-Dimethylbutane	0.00	0.00

Data File Name 111318008.D

Units	Target Response	Q1 Signal
ppbv	1532702	49.1
ppbv	5363513	88.1
ppbv	1365735	117.1
ppbv	76548	42.2
ppbv	58363	44.1
ppbv	2678	87
ppbv	5877	52.1
ppbv	0	42.2
ppbv	0	135
ppbv	0	64.1
ppbv	382931	56.1
ppbv	0	39.1
ppbv	0	58.1
ppbv	0	56.1
ppbv	0	96
ppbv	0	56.1
ppbv	0	66.1
ppbv	41426	45.1
ppbv	3226	108
ppbv	16736	40.1
ppbv	15074	55.1
ppbv	607559	58.1
ppbv	0	57.1
ppbv	1731	103
ppbv	32917	41.1
ppbv	0	55.1
ppbv	0	52.1
ppbv	2199	57.1
ppbv	0	53.1
ppbv	0	70.1
ppbv	1345	70.1
ppbv	27379	41.1
ppbv	0	96
ppbv	36422	49.1
ppbv	0	76.1
ppbv	0	85
ppbv	14611	44.1
ppbv	0	57.1
ppbv	0	96
ppbv	0	0
ppbv	0	43.1

System blk can BTP1 Data File Name 111318010.D

Internal standards	Ret Time	Amount	Units	Target Response
Bromochloromethane	9.84	20.00	ppbv	1480076
1,4-Difluorobenzene	11.98	20.00	ppbv	5127555
Chlorobenzene-d5	18.35	20.00	ppbv	1493331
Target Compounds				
Propylene	5.17	0.07	ppbv	72439
Propane	5.20	0.32	ppbv	60165
Dichlorodifluoromethane	5.28	-1.00	ppbv	1813
Chloromethane	5.55	-1.00	ppbv	21772
Isobutane	0.00	0.00	ppbv	0
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0
Vinyl Chloride	0.00	0.00	ppbv	0
1-Butene	5.93	0.46	ppbv	354674
1,3-Butadiene	5.93	0.01	ppbv	12792
Butane	0.00	0.00	ppbv	0
trans-2-butene	0.00	0.00	ppbv	0
Bromomethane	6.31	-1.00	ppbv	8685
cis-2-butene	0.00	0.00	ppbv	0
Chloroethane	6.48	-1.00	ppbv	4010
Ethanol	6.59	-1.00	ppbv	21275
Vinyl Bromide	6.94	-1.00	ppbv	7297
Acetonitrile	6.82	0.65	ppbv	196819
Acrolein	6.95	0.24	ppbv	29404
Acetone	7.07	0.31	ppbv	531497
iso-Pentane	0.00	0.00	ppbv	0
Trichlorofluoromethane	0.00	0.00	ppbv	0
Isopropyl Alcohol	7.28	-1.00	ppbv	14969
1-Pentene	0.00	0.00	ppbv	0
Acrylonitrile	0.00	0.00	ppbv	0
n-Pentane	7.54	-1.00	ppbv	2294
Isoprene	0.00	0.00	ppbv	0
trans-2-pentene	0.00	0.00	ppbv	0
cis-2-pentene	0.00	0.00	ppbv	0
Tert-Butanol	0.00	0.00	ppbv	0
1,1-Dichloroethene	0.00	0.00	ppbv	0
Methylene Chloride	7.89	0.10	ppbv	34031
3-Chloro-1-Propene	0.00	0.00	ppbv	0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv	0
Carbon Disulfide	8.19	0.08	ppbv	217993
2,2-Dimethylbutane	0.00	0.00	ppbv	0
trans-1,2-Dichloroethene	0.00	0.00	ppbv	0
Cyclopentane	0.00	0.00	ppbv	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0

S10 can 2521

Q1 Signal	Internal standards	Ret Time	Amount
49.1	Bromochloromethane	9.85	20.00
88.1	1,4-Difluorobenzene	11.98	20.00
117.1	Chlorobenzene-d5	18.35	20.00
	Target Compounds		
42.2	Propylene	5.18	0.06
44.1	Propane	5.20	0.32
87	Dichlorodifluoromethane	5.28	-1.00
52.1	Chloromethane	5.56	-1.00
42.2	Isobutane	0.00	0.00
135	Dichlorotetrafluoroethane	0.00	0.00
64.1	Vinyl Chloride	0.00	0.00
56.1	1-Butene	5.94	0.44
39.1	1,3-Butadiene	0.00	0.00
58.1	Butane	6.06	-1.00
56.1	trans-2-butene	5.94	0.55
96	Bromomethane	0.00	0.00
56.1	cis-2-butene	0.00	0.00
66.1	Chloroethane	0.00	0.00
45.1	Ethanol	6.59	0.25
108	Vinyl Bromide	6.95	-1.00
40.1	Acetonitrile	6.85	-1.00
55.1	Acrolein	6.96	0.06
58.1	Acetone	7.08	0.08
57.1	iso-Pentane	7.09	-1.00
103	Trichlorofluoromethane	7.25	-1.00
41.1	Isopropyl Alcohol	7.30	-1.00
55.1	1-Pentene	0.00	0.00
52.1	Acrylonitrile	0.00	0.00
57.1	n-Pentane	7.54	-1.00
53.1	Isoprene	7.64	0.01
70.1	trans-2-pentene	0.00	0.00
70.1	cis-2-pentene	0.00	0.00
41.1	Tert-Butanol	0.00	0.00
96	1,1-Dichloroethene	0.00	0.00
49.1	Methylene Chloride	7.89	0.10
76.1	3-Chloro-1-Propene	0.00	0.00
85	1,1,2-Trichloro-1,2,2-trifluoroethane	8.10	-1.00
44.1	Carbon Disulfide	8.20	-0.14
57.1	2,2-Dimethylbutane	0.00	0.00
96	trans-1,2-Dichloroethene	0.00	0.00
0	Cyclopentane	0.00	0.00
43.1	2,3-Dimethylbutane	0.00	0.00

Data File Name 111318014.D

Units	Target Response	Q1 Signal
ppbv	1381863	49.1
ppbv	4509352	88.1
ppbv	1134132	117.1
ppbv	63815	42.2
ppbv	56076	44.1
ppbv	5124	87
ppbv	5902	52.1
ppbv	0	42.2
ppbv	0	135
ppbv	0	64.1
ppbv	320642	56.1
ppbv	0	39.1
ppbv	10116	58.1
ppbv	321724	56.1
ppbv	0	96
ppbv	0	56.1
ppbv	0	66.1
ppbv	70883	45.1
ppbv	4154	108
ppbv	11953	40.1
ppbv	9910	55.1
ppbv	251078	58.1
ppbv	7925	57.1
ppbv	4211	103
ppbv	8837	41.1
ppbv	0	55.1
ppbv	0	52.1
ppbv	2851	57.1
ppbv	3390	53.1
ppbv	0	70.1
ppbv	0	70.1
ppbv	0	41.1
ppbv	0	96
ppbv	32152	49.1
ppbv	0	76.1
ppbv	917	85
ppbv	11601	44.1
ppbv	0	57.1
ppbv	0	96
ppbv	0	0
ppbv	0	43.1

S7 can 751 Data File Name 111418008.D

Internal standards	Ret Time	Amount	Units	Target Response	Q1 Signal
Bromochloromethane	9.84	20.00	ppbv	292492	49.1
1,4-Difluorobenzene	11.97	20.00	ppbv	997686	88.1
Chlorobenzene-d5	18.35	20.00	ppbv	344165	117.1
Target Compounds					
Propylene	5.20	-1.00	ppbv	31610	42.2
Propane	0.00	0.00	ppbv	0	44.1
Dichlorodifluoromethane	0.00	0.00	ppbv	0	87
Chloromethane	0.00	0.00	ppbv	0	52.1
Isobutane	0.00	0.00	ppbv	0	42.2
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0	135
Vinyl Chloride	0.00	0.00	ppbv	0	64.1
1-Butene	5.94	-1.00	ppbv	186951	56.1
1,3-Butadiene	0.00	0.00	ppbv	0	39.1
Butane	0.00	0.00	ppbv	0	58.1
trans-2-butene	0.00	0.00	ppbv	0	56.1
Bromomethane	0.00	0.00	ppbv	0	96
cis-2-butene	0.00	0.00	ppbv	0	56.1
Chloroethane	0.00	0.00	ppbv	0	66.1
Ethanol	6.58	-1.00	ppbv	25736	45.1
Vinyl Bromide	0.00	0.00	ppbv	0	108
Acetonitrile	6.84	0.03	ppbv	29198	40.1
Acrolein	6.95	0.08	ppbv	15318	55.1
Acetone	7.08	0.53	ppbv	550222	58.1
iso-Pentane	0.00	0.00	ppbv	0	57.1
Trichlorofluoromethane	0.00	0.00	ppbv	0	103
Isopropyl Alcohol	0.00	0.00	ppbv	0	41.1
1-Pentene	0.00	0.00	ppbv	0	55.1
Acrylonitrile	0.00	0.00	ppbv	0	52.1
n-Pentane	0.00	0.00	ppbv	0	57.1
Isoprene	0.00	0.00	ppbv	0	53.1
trans-2-pentene	0.00	0.00	ppbv	0	70.1
cis-2-pentene	0.00	0.00	ppbv	0	70.1
Tert-Butanol	0.00	0.00	ppbv	0	41.1
1,1-Dichloroethene	0.00	0.00	ppbv	0	96
Methylene Chloride	7.89	-1.00	ppbv	10534	49.1
3-Chloro-1-Propene	0.00	0.00	ppbv	0	76.1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv	0	85
Carbon Disulfide	0.00	0.00	ppbv	0	44.1
2,2-Dimethylbutane	0.00	0.00	ppbv	0	57.1
trans-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Cyclopentane	0.00	0.00	ppbv	0	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0	43.1

S8 can MTC48

Internal standards	Ret Time	Amount
Bromochloromethane	9.84	20.00
1,4-Difluorobenzene	11.98	20.00
Chlorobenzene-d5	18.35	20.00
Target Compounds		
Propylene	0.00	0.00
Propane	5.19	-1.00
Dichlorodifluoromethane	0.00	0.00
Chloromethane	0.00	0.00
Isobutane	0.00	0.00
Dichlorotetrafluoroethane	0.00	0.00
Vinyl Chloride	0.00	0.00
1-Butene	5.94	-1.00
1,3-Butadiene	0.00	0.00
Butane	0.00	0.00
trans-2-butene	0.00	0.00
Bromomethane	0.00	0.00
cis-2-butene	0.00	0.00
Chloroethane	0.00	0.00
Ethanol	6.59	-1.00
Vinyl Bromide	0.00	0.00
Acetonitrile	0.00	0.00
Acrolein	0.00	0.00
Acetone	7.08	-1.00
iso-Pentane	0.00	0.00
Trichlorofluoromethane	0.00	0.00
Isopropyl Alcohol	0.00	0.00
1-Pentene	0.00	0.00
Acrylonitrile	0.00	0.00
n-Pentane	0.00	0.00
Isoprene	0.00	0.00
trans-2-pentene	0.00	0.00
cis-2-pentene	0.00	0.00
Tert-Butanol	0.00	0.00
1,1-Dichloroethene	0.00	0.00
Methylene Chloride	7.87	-1.00
3-Chloro-1-Propene	0.00	0.00
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00
Carbon Disulfide	8.18	-0.61
2,2-Dimethylbutane	0.00	0.00
trans-1,2-Dichloroethene	0.00	0.00
Cyclopentane	0.00	0.00
2,3-Dimethylbutane	0.00	0.00

Data File Name 111418010.D

Units	Target Response	Q1 Signal
ppbv	282704	49.1
ppbv	930259	88.1
ppbv	359433	117.1
ppbv	0	42.2
ppbv	24833	44.1
ppbv	0	87
ppbv	0	52.1
ppbv	0	42.2
ppbv	0	135
ppbv	0	64.1
ppbv	168751	56.1
ppbv	0	39.1
ppbv	0	58.1
ppbv	0	56.1
ppbv	0	96
ppbv	0	56.1
ppbv	0	66.1
ppbv	11441	45.1
ppbv	0	108
ppbv	0	40.1
ppbv	0	55.1
ppbv	172791	58.1
ppbv	0	57.1
ppbv	0	103
ppbv	0	41.1
ppbv	0	55.1
ppbv	0	52.1
ppbv	0	57.1
ppbv	0	53.1
ppbv	0	70.1
ppbv	0	70.1
ppbv	0	41.1
ppbv	0	96
ppbv	10385	49.1
ppbv	0	76.1
ppbv	0	85
ppbv	3643	44.1
ppbv	0	57.1
ppbv	0	96
ppbv	0	0
ppbv	0	43.1

S14 can 723 Data File Name 111418012.D

Internal standards	Ret Time	Amount	Units	Target Response	Q1 Signal
Bromochloromethane	9.84	20.00	ppbv	289265	49.1
1,4-Difluorobenzene	11.97	20.00	ppbv	941851	88.1
Chlorobenzene-d5	18.35	20.00	ppbv	363759	117.1
Target Compounds					
Propylene	0.00	0.00	ppbv	0	42.2
Propane	0.00	0.00	ppbv	0	44.1
Dichlorodifluoromethane	0.00	0.00	ppbv	0	87
Chloromethane	0.00	0.00	ppbv	0	52.1
Isobutane	0.00	0.00	ppbv	0	42.2
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0	135
Vinyl Chloride	0.00	0.00	ppbv	0	64.1
1-Butene	5.94	-1.00	ppbv	168438	56.1
1,3-Butadiene	0.00	0.00	ppbv	0	39.1
Butane	0.00	0.00	ppbv	0	58.1
trans-2-butene	0.00	0.00	ppbv	0	56.1
Bromomethane	0.00	0.00	ppbv	0	96
cis-2-butene	0.00	0.00	ppbv	0	56.1
Chloroethane	0.00	0.00	ppbv	0	66.1
Ethanol	6.59	-1.00	ppbv	14956	45.1
Vinyl Bromide	0.00	0.00	ppbv	0	108
Acetonitrile	7.07	-1.00	ppbv	10222	40.1
Acrolein	6.95	0.05	ppbv	13106	55.1
Acetone	7.07	0.16	ppbv	303724	58.1
iso-Pentane	0.00	0.00	ppbv	0	57.1
Trichlorofluoromethane	0.00	0.00	ppbv	0	103
Isopropyl Alcohol	7.29	-1.00	ppbv	6583	41.1
1-Pentene	0.00	0.00	ppbv	0	55.1
Acrylonitrile	0.00	0.00	ppbv	0	52.1
n-Pentane	0.00	0.00	ppbv	0	57.1
Isoprene	0.00	0.00	ppbv	0	53.1
trans-2-pentene	0.00	0.00	ppbv	0	70.1
cis-2-pentene	0.00	0.00	ppbv	0	70.1
Tert-Butanol	7.81	-1.00	ppbv	8948	41.1
1,1-Dichloroethene	0.00	0.00	ppbv	0	96
Methylene Chloride	7.88	-1.00	ppbv	8702	49.1
3-Chloro-1-Propene	0.00	0.00	ppbv	0	76.1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv	0	85
Carbon Disulfide	8.19	-0.61	ppbv	4012	44.1
2,2-Dimethylbutane	0.00	0.00	ppbv	0	57.1
trans-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Cyclopentane	0.00	0.00	ppbv	0	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0	43.1

	S12 can 793		Data File Name
Internal standards	Ret Time	Amount	Units
Bromochloromethane	9.86	20.00	ppbv
1,4-Difluorobenzene	12.00	20.00	ppbv
Chlorobenzene-d5	18.37	20.00	ppbv
Target Compounds			
Propylene	5.17	0.15	ppbv
Propane	5.20	0.57	ppbv
Dichlorodifluoromethane	5.30	-1.00	ppbv
Chloromethane	5.56	-1.00	ppbv
Isobutane	0.00	0.00	ppbv
Dichlorotetrafluoroethane	0.00	0.00	ppbv
Vinyl Chloride	0.00	0.00	ppbv
1-Butene	5.94	1.11	ppbv
1,3-Butadiene	0.00	0.00	ppbv
Butane	6.06	-1.00	ppbv
trans-2-butene	6.16	-1.00	ppbv
Bromomethane	6.31	0.05	ppbv
cis-2-butene	6.32	0.00	ppbv
Chloroethane	6.50	-1.00	ppbv
Ethanol	6.59	0.22	ppbv
Vinyl Bromide	6.94	-1.00	ppbv
Acetonitrile	0.00	0.00	ppbv
Acrolein	6.96	0.77	ppbv
Acetone	7.08	0.70	ppbv
iso-Pentane	0.00	0.00	ppbv
Trichlorofluoromethane	7.26	-1.00	ppbv
Isopropyl Alcohol	7.30	-1.00	ppbv
1-Pentene	0.00	0.00	ppbv
Acrylonitrile	0.00	0.00	ppbv
n-Pentane	7.55	-1.00	ppbv
Isoprene	7.65	0.00	ppbv
trans-2-pentene	0.00	0.00	ppbv
cis-2-pentene	0.00	0.00	ppbv
Tert-Butanol	7.82	0.03	ppbv
1,1-Dichloroethene	0.00	0.00	ppbv
Methylene Chloride	7.90	0.12	ppbv
3-Chloro-1-Propene	0.00	0.00	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane	8.11	-1.00	ppbv
Carbon Disulfide	8.20	-0.14	ppbv
2,2-Dimethylbutane	0.00	0.00	ppbv
trans-1,2-Dichloroethene	0.00	0.00	ppbv
Cyclopentane	0.00	0.00	ppbv
2,3-Dimethylbutane	0.00	0.00	ppbv

111518010.D

Target Response	Q1 Signal	
		Internal standards
432404	49.1	Bromochloromethane
1441742	88.1	1,4-Difluorobenzene
501476	117.1	Chlorobenzene-d5
		Target Compounds
42350	42.2	Propylene
30416	44.1	Propane
1359	87	Dichlorodifluoromethane
3466	52.1	Chloromethane
0	42.2	Isobutane
0	135	Dichlorotetrafluoroethane
0	64.1	Vinyl Chloride
245107	56.1	1-Butene
0	39.1	1,3-Butadiene
3529	58.1	Butane
950	56.1	trans-2-butene
17089	96	Bromomethane
2149	56.1	cis-2-butene
545	66.1	Chloroethane
20724	45.1	Ethanol
499	108	Vinyl Bromide
0	40.1	Acetonitrile
25586	55.1	Acrolein
283163	58.1	Acetone
0	57.1	iso-Pentane
1068	103	Trichlorofluoromethane
4704	41.1	Isopropyl Alcohol
0	55.1	1-Pentene
0	52.1	Acrylonitrile
1429	57.1	n-Pentane
373	53.1	Isoprene
0	70.1	trans-2-pentene
0	70.1	cis-2-pentene
5103	41.1	Tert-Butanol
0	96	1,1-Dichloroethene
12390	49.1	Methylene Chloride
0	76.1	3-Chloro-1-Propene
250	85	1,1,2-Trichloro-1,2,2-trifluoroethane
4325	44.1	Carbon Disulfide
0	57.1	2,2-Dimethylbutane
0	96	trans-1,2-Dichloroethene
0	0	Cyclopentane
0	43.1	2,3-Dimethylbutane

S9 can 700 Data File Name 111418021.D

Ret Time	Amount	Units	Target Response
9.88	20.00	ppbv	421407
12.00	20.00	ppbv	1424464
18.37	20.00	ppbv	491549
5.20	0.15	ppbv	41678
5.21	0.56	ppbv	28749
5.28	-1.00	ppbv	1075
5.56	-1.00	ppbv	2404
5.72	0.05	ppbv	13898
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
5.96	1.13	ppbv	242480
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
6.60	0.10	ppbv	14223
0.00	0.00	ppbv	0
6.86	0.03	ppbv	6864
6.99	0.13	ppbv	5141
7.10	1.08	ppbv	397453
7.10	0.05	ppbv	10350
7.26	-1.00	ppbv	460
7.32	0.20	ppbv	12435
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
7.91	0.12	ppbv	12001
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
8.22	-0.14	ppbv	4351
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
8.71	0.05	ppbv	2547
0.00	0.00	ppbv	0

S5 can 262 Data File Name 111518007.D

Internal standards	Ret Time	Amount	Units	Target Response	Q1 Signal
Bromochloromethane	9.86	20.00	ppbv	441695	49.1
1,4-Difluorobenzene	11.99	20.00	ppbv	1538394	88.1
Chlorobenzene-d5	18.36	20.00	ppbv	565617	117.1
Target Compounds					
Propylene	5.18	0.16	ppbv	46315	42.2
Propane	5.21	0.57	ppbv	31029	44.1
Dichlorodifluoromethane	5.33	-1.00	ppbv	2760	87
Chloromethane	5.56	-1.00	ppbv	4542	52.1
Isobutane	5.72	0.13	ppbv	28607	42.2
Dichlorotetrafluoroethane	0.00	0.00	ppbv	0	135
Vinyl Chloride	0.00	0.00	ppbv	0	64.1
1-Butene	5.96	1.18	ppbv	265047	56.1
1,3-Butadiene	5.96	0.03	ppbv	8188	39.1
Butane	6.07	0.00	ppbv	4429	58.1
trans-2-butene	0.00	0.00	ppbv	0	56.1
Bromomethane	0.00	0.00	ppbv	0	96
cis-2-butene	0.00	0.00	ppbv	0	56.1
Chloroethane	0.00	0.00	ppbv	0	66.1
Ethanol	6.59	0.72	ppbv	46799	45.1
Vinyl Bromide	6.91	-1.00	ppbv	1326	108
Acetonitrile	6.83	0.24	ppbv	24622	40.1
Acrolein	6.97	0.65	ppbv	22173	55.1
Acetone	7.09	5.93	ppbv	1926520	58.1
iso-Pentane	0.00	0.00	ppbv	0	57.1
Trichlorofluoromethane	7.26	-1.00	ppbv	2293	103
Isopropyl Alcohol	7.31	0.92	ppbv	43139	41.1
1-Pentene	0.00	0.00	ppbv	0	55.1
Acrylonitrile	0.00	0.00	ppbv	0	52.1
n-Pentane	7.55	-1.00	ppbv	1677	57.1
Isoprene	7.66	0.02	ppbv	3419	53.1
trans-2-pentene	0.00	0.00	ppbv	0	70.1
cis-2-pentene	0.00	0.00	ppbv	0	70.1
Tert-Butanol	7.82	0.08	ppbv	11131	41.1
1,1-Dichloroethene	0.00	0.00	ppbv	0	96
Methylene Chloride	7.91	0.13	ppbv	13060	49.1
3-Chloro-1-Propene	0.00	0.00	ppbv	0	76.1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv	0	85
Carbon Disulfide	8.20	-0.14	ppbv	4834	44.1
2,2-Dimethylbutane	0.00	0.00	ppbv	0	57.1
trans-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Cyclopentane	0.00	0.00	ppbv	0	0
2,3-Dimethylbutane	0.00	0.00	ppbv	0	43.1

	FB can 021		Data File Name
Internal standards	Ret Time	Amount	Units
Bromochloromethane	9.85	20.00	ppbv
1,4-Difluorobenzene	11.99	20.00	ppbv
Chlorobenzene-d5	18.36	20.00	ppbv
Target Compounds			
Propylene	5.18	0.14	ppbv
Propane	5.21	0.59	ppbv
Dichlorodifluoromethane	5.28	-1.00	ppbv
Chloromethane	5.55	-1.00	ppbv
Isobutane	5.71	0.07	ppbv
Dichlorotetrafluoroethane	0.00	0.00	ppbv
Vinyl Chloride	0.00	0.00	ppbv
1-Butene	5.94	1.13	ppbv
1,3-Butadiene	0.00	0.00	ppbv
Butane	0.00	0.00	ppbv
trans-2-butene	0.00	0.00	ppbv
Bromomethane	0.00	0.00	ppbv
cis-2-butene	0.00	0.00	ppbv
Chloroethane	6.48	-1.00	ppbv
Ethanol	6.59	0.24	ppbv
Vinyl Bromide	6.96	-1.00	ppbv
Acetonitrile	6.83	0.07	ppbv
Acrolein	6.96	0.33	ppbv
Acetone	7.08	1.75	ppbv
iso-Pentane	0.00	0.00	ppbv
Trichlorofluoromethane	7.26	-1.00	ppbv
Isopropyl Alcohol	7.30	0.07	ppbv
1-Pentene	0.00	0.00	ppbv
Acrylonitrile	0.00	0.00	ppbv
n-Pentane	0.00	0.00	ppbv
Isoprene	7.65	0.02	ppbv
trans-2-pentene	0.00	0.00	ppbv
cis-2-pentene	7.81	0.01	ppbv
Tert-Butanol	0.00	0.00	ppbv
1,1-Dichloroethene	0.00	0.00	ppbv
Methylene Chloride	7.90	0.13	ppbv
3-Chloro-1-Propene	0.00	0.00	ppbv
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00	0.00	ppbv
Carbon Disulfide	8.20	-0.12	ppbv
2,2-Dimethylbutane	0.00	0.00	ppbv
trans-1,2-Dichloroethene	0.00	0.00	ppbv
Cyclopentane	0.00	0.00	ppbv
2,3-Dimethylbutane	0.00	0.00	ppbv

111618002.D Trip Blank can RK8

Target Response	Internal standards	Ret Time
438877	Bromochloromethane	9.85
1508200	1,4-Difluorobenzene	11.99
554465	Chlorobenzene-d5	18.36
	Target Compounds	
42127	Propylene	5.15
31531	Propane	5.20
1570	Dichlorodifluoromethane	0.00
3874	Chloromethane	5.55
17758	Isobutane	5.71
0	Dichlorotetrafluoroethane	0.00
0	Vinyl Chloride	0.00
253345	1-Butene	5.94
0	1,3-Butadiene	0.00
0	Butane	0.00
0	trans-2-butene	0.00
0	Bromomethane	0.00
0	cis-2-butene	0.00
997	Chloroethane	6.50
21749	Ethanol	6.59
1531	Vinyl Bromide	6.97
10256	Acetonitrile	6.86
11824	Acrolein	6.97
630705	Acetone	7.08
0	iso-Pentane	0.00
1104	Trichlorofluoromethane	7.26
7804	Isopropyl Alcohol	7.30
0	1-Pentene	0.00
0	Acrylonitrile	0.00
0	n-Pentane	0.00
2763	Isoprene	0.00
0	trans-2-pentene	0.00
1127	cis-2-pentene	7.83
0	Tert-Butanol	7.82
0	1,1-Dichloroethene	0.00
12841	Methylene Chloride	7.90
0	3-Chloro-1-Propene	0.00
0	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00
10077	Carbon Disulfide	8.20
0	2,2-Dimethylbutane	0.00
0	trans-1,2-Dichloroethene	0.00
0	Cyclopentane	0.00
0	2,3-Dimethylbutane	0.00

Data File Name 111618004.D

Amount	Units	Target Response
20.00	ppbv	448525
20.00	ppbv	1547630
20.00	ppbv	561236
0.15	ppbv	44669
0.58	ppbv	31860
0.00	ppbv	0
-1.00	ppbv	4737
0.11	ppbv	24502
0.00	ppbv	0
0.00	ppbv	0
1.12	ppbv	256438
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
-1.00	ppbv	584
0.24	ppbv	22208
-1.00	ppbv	2328
0.02	ppbv	6417
0.34	ppbv	12420
1.48	ppbv	556645
0.00	ppbv	0
-1.00	ppbv	589
0.11	ppbv	9358
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.01	ppbv	1134
0.14	ppbv	19219
0.00	ppbv	0
0.14	ppbv	14258
0.00	ppbv	0
0.00	ppbv	0
-0.10	ppbv	14930
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0

BBlk #1 can 068 Data File Name 111418017.D

Internal standards	Ret Time	Amount	Units	Target Response
Bromochloromethane		20.00	ppbv	426438
1,4-Difluorobenzene		20.00	ppbv	1427120
Chlorobenzene-d5		20.00	ppbv	474414
Target Compounds				
Propylene			ppbv	39932
Propane			ppbv	30696
Dichlorodifluoromethane			ppbv	1114
Chloromethane			ppbv	5106
Isobutane			ppbv	16819
Dichlorotetrafluoroethane			ppbv	0
Vinyl Chloride			ppbv	0
1-Butene			ppbv	254694
1,3-Butadiene			ppbv	0
Butane			ppbv	3188
trans-2-butene			ppbv	0
Bromomethane			ppbv	0
cis-2-butene			ppbv	0
Chloroethane			ppbv	1021
Ethanol			ppbv	17284
Vinyl Bromide			ppbv	0
Acetonitrile			ppbv	6565
Acrolein			ppbv	4468
Acetone			ppbv	315803
iso-Pentane			ppbv	0
Trichlorofluoromethane			ppbv	609
Isopropyl Alcohol			ppbv	6092
1-Pentene			ppbv	0
Acrylonitrile			ppbv	0
n-Pentane			ppbv	0
Isoprene			ppbv	0
trans-2-pentene			ppbv	0
cis-2-pentene			ppbv	0
Tert-Butanol			ppbv	0
1,1-Dichloroethene			ppbv	0
Methylene Chloride			ppbv	12284
3-Chloro-1-Propene			ppbv	0
1,1,2-Trichloro-1,2,2-trifluoroethane			ppbv	0
Carbon Disulfide			ppbv	17572
2,2-Dimethylbutane			ppbv	0
trans-1,2-Dichloroethene			ppbv	0
Cyclopentane			ppbv	0
2,3-Dimethylbutane			ppbv	0

Quantitation Report (QT Reviewed)

Data Path : F:\Entech files\2019\Mar\030719\
Data File : 030719003.D
Acq On : 7 Mar 2019 7:45 pm
Operator :
Sample : 1 ppb
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 22:07:07 2019
Quant Method : C:\gcms\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Tue Apr 23 23:26:07 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
1) Bromochloromethane	10.008	130
62) 1,4-Difluorobenzene	12.089	114
89) Chlorobenzene-d5	18.386	82
Target Compounds		
2] Propylene	5.125	41
3] Propane	5.211	43
4] Dichlorodifluoromethane	5.443	85
5] Chloromethane	5.735	50
6] Isobutane	5.955	41
7] Dichlorotetrafluoroethane	5.943	85
8] Vinyl Chloride	6.089	62
9] 1-Butene	6.224	41
10] 1,3-Butadiene	6.285	54
11] Butane	6.346	43
12) trans-2-butene	6.468	41
13] Bromomethane	6.626	94
14] cis-2-butene	6.651	41
15] Chloroethane	6.797	64
16] Ethanol	6.902	31
17] Vinyl Bromide	7.148	106
18] Acetonitrile	7.117	41
19] Acrolein	7.23	56
20] Acetone	7.343	43
21] iso-Pentane	7.364	41
22] Trichlorofluoromethane	7.497	101
23] Isopropyl Alcohol	7.528	45
24] 1-Pentene	7.579	42

Respons e	Conc Units Dev(Min)
156979	20.00 ppbv 0.02
736534	20.00 ppbv 0.01
414573	20.00 ppbv # 0.00

	Qvalue
204026	0.74 ppbv # 85
73867	0.89 ppbv 100
195333	0.75 ppbv 98
110112	0.83 ppbv 98
181290	0.88 ppbv 89
314166	0.82 ppbv 100
120541	0.86 ppbv 99
351984	0.87 ppbv 100
164662	0.82 ppbv # 65
238705	0.86 ppbv 99
168627	0.87 ppbv 98
93676	0.88 ppbv # 96
168504	0.85 ppbv 99
36269	0.50 ppbv 98
96514	0.68 ppbv # 98
79707	0.82 ppbv 100
106446	0.88 ppbv 99
38731	0.71 ppbv # 97
506264	1.14 ppbv # 88
153156	0.93 ppbv 98
319008	0.93 ppbv 98
77495	1.18 ppbv # 67
178089	0.90 ppbv 97

Quantitation Report (QT Reviewed)

Data Path : E:\ENTECH FILES\Nov\110618\
Data File : 110618003.D
Acq On : 6 Nov 2018 1:14 pm
Operator :
Sample : 1 ppb DC
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 07 00:55:36 2007
Quant Method : C:\msdchem\1\METHODS\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Fri Mar 23 22:58:57 2007
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons e
Internal Standards			
1) Bromochloromethane	9.865	130	506486
62) 1,4-Difluorobenzene	12.004	114	1704851
89) Chlorobenzene-d5	18.358	82	506260
Target Compounds			
2] Propylene	5.168	41	151818
3] Propane	5.212	43	42342
4] Dichlorodifluoromethane	5.299	85	191199
5] Chloromethane	5.548	50	72783
6] Isobutane	5.709	41	62139
7] Dichlorotetrafluoroethane	5.694	85	237740
8] Vinyl Chloride	5.841	62	90890
9] 1-Butene	5.958	41	248867
10] 1,3-Butadiene	6.001	54	120139
11] Butane	6.06	43	111237
12) trans-2-butene	6.177	41	92799
13] Bromomethane	6.323	94	102190
14] cis-2-butene	6.352	41	91103
15] Chloroethane	6.499	64	48222
16] Ethanol	6.601	31	46629
17] Vinyl Bromide	6.875	106	76633
18] Acetonitrile	6.835	41	38565
19] Acrolein	6.967	56	11749
20] Acetone	7.09	43	354792
21] iso-Pentane	7.121	41	84177
22] Trichlorofluoromethane	7.265	101	354950
23] Isopropyl Alcohol	7.306	45	61087
24] 1-Pentene	7.357	42	76942

Conc Units Dev(Min)

20.00 ppbv 0.03
20.00 ppbv 0.04
20.00 ppbv # 0.01

Qvalue
1.30 ppbv 97
2.27 ppbv 93
1.12 ppbv 99
1.11 ppbv 98
1.12 ppbv # 62
1.12 ppbv 99
1.13 ppbv 100
2.94 ppbv 98
1.16 ppbv # 53
1.01 ppbv 100
1.14 ppbv 98
1.16 ppbv 99
1.08 ppbv 96
1.16 ppbv 99
0.94 ppbv # 98
0.81 ppbv 100
0.76 ppbv 100
0.66 ppbv # 97
1.56 ppbv 92
0.95 ppbv 92
1.04 ppbv 99
1.30 ppbv # 62
0.84 ppbv 98

Quantitation Report (QT Reviewed)

Data Path : E:\ENTECH FILES\Nov\111318\
Data File : 111318003.D
Acq On : 13 Nov 2018 12:48 pm
Operator :
Sample : 1 ppb DC
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 07 01:03:26 2007
Quant Method : C:\msdchem\1\methods\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Thu Jul 26 13:02:28 2018
Response via : Initial Calibration

Compound	R.T.	Qion	Respons	e
Internal Standards				
1) Bromochloromethane	9.852	130	2012018	
62) 1,4-Difluorobenzene	11.991	114	8224689	
89) Chlorobenzene-d5	18.351	82	2339328	
Target Compounds				
2] Propylene	5.167	41	573853	
3] Propane	5.211	43	155989	
4] Dichlorodifluoromethane	5.299	85	505712	
5] Chloromethane	5.562	50	237686	
6] Isobutane	5.723	41	154910	
7] Dichlorotetrafluoroethane	5.694	85	628419	
8] Vinyl Chloride	5.84	62	278035	
9] 1-Butene	5.957	41	743053	
10] 1,3-Butadiene	6.001	54	371011	
11] Butane	6.06	43	323396	
12) trans-2-butene	6.162	41	269224	
13] Bromomethane	6.308	94	314716	
14] cis-2-butene	6.337	41	275627	
15] Chloroethane	6.484	64	158807	
16] Ethanol	6.586	31	153595	
17] Vinyl Bromide	6.864	106	246198	
18] Acetonitrile	6.835	41	150828	m
19] Acrolein	6.967	56	55099	
20] Acetone	7.09	43	1086818	
21] iso-Pentane	7.11	41	316721	
22] Trichlorofluoromethane	7.254	101	972106	
23] Isopropyl Alcohol	7.295	45	283554	
24] 1-Pentene	7.357	42	368000	

Conc Units Dev(Min)

20.00 ppbv # 0.00
20.00 ppbv # 0.01
20.00 ppbv # 0.01

Qvalue
0.43 ppbv # 89
0.64 ppbv # 49
0.19 ppbv 100
0.29 ppbv 98
0.17 ppbv # 67
0.21 ppbv 96
0.34 ppbv 99
0.72 ppbv 90
0.32 ppbv # 35
0.26 ppbv 100
0.31 ppbv 90
0.46 ppbv # 99
0.35 ppbv 90
0.51 ppbv 95
0.47 ppbv # 75
0.40 ppbv 98
0.34 ppbv
0.34 ppbv # 99
0.55 ppbv 91
0.44 ppbv 81
0.40 ppbv 98
1.38 ppbv # 32
0.47 ppbv 88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2018\Nov\110818\
Data File : 110818003.D
Acq On : 8 Nov 2018 3:49 pm
Operator :
Sample : 1 ppb DC
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 27 11:54:17 2018
Quant Method : C:\msdchem\1\methods\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Thu Jul 26 13:02:28 2018
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons e
Internal Standards			
1) Bromochloromethane	9.865	130	2635427
62) 1,4-Difluorobenzene	11.991	114	11605296
89) Chlorobenzene-d5	18.351	82	3126152
Target Compounds			
2] Propylene	5.153	41	862323
3] Propane	5.197	43	243105
4] Dichlorodifluoromethane	5.284	85	623255
5] Chloromethane	5.548	50	287901
6] Isobutane	5.709	41	578137
7] Dichlorotetrafluoroethane	5.679	85	833729
8] Vinyl Chloride	5.826	62	320797
9] 1-Butene	5.943	41	1005650
10] 1,3-Butadiene	5.987	54	480486
11] Butane	6.045	43	420030
12) trans-2-butene	6.162	41	351960
13] Bromomethane	6.308	94	371085
14] cis-2-butene	6.338	41	352601
15] Chloroethane	6.484	64	184844
16] Ethanol	6.572	31	191699
17] Vinyl Bromide	6.864	106	274621
18] Acetonitrile	6.82	41	254345
19] Acrolein	6.956	56	85253
20] Acetone	7.08	43	1546363
21] iso-Pentane	7.11	41	444881
22] Trichlorofluoromethane	7.254	101	1086475
23] Isopropyl Alcohol	7.295	45	366164
24] 1-Pentene	7.347	42	549885

Conc Units Dev(Min)

20.00 ppbv # 0.01
20.00 ppbv # 0.01
20.00 ppbv # 0.01

Qvalue
0.50 ppbv 88
0.76 ppbv # 60
0.17 ppbv 98
0.26 ppbv 95
0.53 ppbv # 51
0.21 ppbv 95
0.29 ppbv 98
0.74 ppbv 90
0.32 ppbv # 41
0.25 ppbv 98
0.31 ppbv 91
0.40 ppbv # 99
0.34 ppbv 91
0.44 ppbv 95
0.44 ppbv # 63
0.34 ppbv 97
0.45 ppbv # 77
0.40 ppbv # 99
0.61 ppbv 97
0.47 ppbv 84
0.33 ppbv 99
1.36 ppbv # 36
0.53 ppbv 87

Quantitation Report (QT Reviewed)

Data Path : E:\ENTECH FILES\Nov\111418\
Data File : 111418004.D
Acq On : 14 Nov 2018 6:30 pm
Operator :
Sample : 1 ppb DC
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 07 04:48:24 2007
Quant Method : C:\msdchem\1\methods\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Thu Jul 26 13:02:28 2018
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons e
Internal Standards			
1) Bromochloromethane	9.865	130	439437
62) 1,4-Difluorobenzene	11.992	114	1689008
89) Chlorobenzene-d5	18.351	82	711097
Target Compounds			
2] Propylene	5.168	41	227164
3] Propane	5.197	43	59813
4] Dichlorodifluoromethane	5.314	85	205369
5] Chloromethane	5.562	50	124831
6] Isobutane	5.723	41	91290
7] Dichlorotetrafluoroethane	5.694	85	298582
8] Vinyl Chloride	5.855	62	138342
9] 1-Butene	5.957	41	413493
10] 1,3-Butadiene	6.001	54	184393
11] Butane	6.06	43	175938
12) trans-2-butene	6.177	41	147353
13] Bromomethane	6.323	94	130961
14] cis-2-butene	6.352	41	148529
15] Chloroethane	6.498	64	73285
16] Ethanol	6.601	31	79301
17] Vinyl Bromide	6.874	106	98319
18] Acetonitrile	6.835	41	85382
19] Acrolein	6.977	56	12294
20] Acetone	7.1	43	404047
21] iso-Pentane	7.121	41	118587
22] Trichlorofluoromethane	7.265	101	355431
23] Isopropyl Alcohol	7.306	45	80017
24] 1-Pentene	7.367	42	116665

Conc Units Dev(Min)

20.00 ppbv 0.01
20.00 ppbv # 0.01
20.00 ppbv 0.01

Qvalue
0.79 ppbv # 79
1.14 ppbv # 49
0.41 ppbv 99
0.83 ppbv 96
0.50 ppbv 97
0.52 ppbv 86
0.84 ppbv 98
1.88 ppbv 84
0.75 ppbv # 24
0.66 ppbv 97
0.79 ppbv # 82
0.95 ppbv # 97
0.88 ppbv # 81
1.15 ppbv 97
1.36 ppbv # 72
0.75 ppbv 98
0.97 ppbv # 60
0.35 ppbv # 100
1.05 ppbv # 76
0.77 ppbv # 53
0.69 ppbv # 97
1.82 ppbv # 46
0.68 ppbv # 73

Quantitation Report (QT Reviewed)

Data Path : E:\ENTECH FILES\Nov\111518\
Data File : 111518004.D
Acq On : 15 Nov 2018 5:11 pm
Operator :
Sample : 1 ppb DC
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 07 04:52:46 2007
Quant Method : C:\msdchem\1\methods\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Thu Jul 26 13:02:28 2018
Response via : Initial Calibration

Compound	R.T.	Qion	Respons	e
Internal Standards				
1) Bromochloromethane	9.889	130	416875	
62) 1,4-Difluorobenzene	12.016	114	1608477	
89) Chlorobenzene-d5	18.369	82	659828	
Target Compounds				
2] Propylene	5.182	41	204821	
3] Propane	5.211	43	55351	
4] Dichlorodifluoromethane	5.328	85	186628	
5] Chloromethane	5.577	50	116527	
6] Isobutane	5.738	41	83799	
7] Dichlorotetrafluoroethane	5.709	85	279199	
8] Vinyl Chloride	5.869	62	129446	
9] 1-Butene	5.972	41	373902	
10] 1,3-Butadiene	6.03	54	169300	
11] Butane	6.089	43	177172	
12) trans-2-butene	6.191	41	130322	m
13] Bromomethane	6.337	94	122110	
14] cis-2-butene	6.367	41	134509	
15] Chloroethane	6.513	64	68615	
16] Ethanol	6.615	31	70531	
17] Vinyl Bromide	6.895	106	120000	
18] Acetonitrile	6.864	41	84544	
19] Acrolein	6.997	56	13558	
20] Acetone	7.121	43	377561	
21] iso-Pentane	7.141	41	113174	
22] Trichlorofluoromethane	7.285	101	334910	
23] Isopropyl Alcohol	7.326	45	73854	
24] 1-Pentene	7.388	42	112953	

Conc Units Dev(Min)

20.00 ppbv 0.04
20.00 ppbv 0.04
20.00 ppbv 0.03

Qvalue
0.75 ppbv # 80
1.11 ppbv # 71
0.39 ppbv 100
0.82 ppbv 97
0.48 ppbv 98
0.51 ppbv 86
0.82 ppbv 99
1.78 ppbv 84
0.72 ppbv # 25
0.70 ppbv # 91
0.74 ppbv
0.94 ppbv # 98
0.84 ppbv 85
1.14 ppbv 95
1.27 ppbv # 71
0.97 ppbv 98
1.02 ppbv 89
0.41 ppbv # 97
1.03 ppbv # 77
0.78 ppbv # 56
0.68 ppbv # 98
1.77 ppbv # 47
0.69 ppbv # 73

Quantitation Report (QT Reviewed)

Data Path : F:\ENTECH FILES\Nov\111618\
Data File : 111618007.D
Acq On : 16 Nov 2018 4:07 pm
Operator :
Sample : 1 ppb DC
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 10:38:42 2018
Quant Method : C:\gcms\1\methods\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Fri Mar 23 22:58:57 2007
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons e
Internal Standards			
1) Bromochloromethane	9.857	130	413932
62) 1,4-Difluorobenzene	11.996	114	1566060
89) Chlorobenzene-d5	18.358	82	618533
Target Compounds			
2] Propylene	5.174	41	213131
3] Propane	5.211	43	58684
4] Dichlorodifluoromethane	5.308	85	184194
5] Chloromethane	5.552	50	106224
6] Isobutane	5.723	41	72988
7] Dichlorotetrafluoroethane	5.699	85	256455
8] Vinyl Chloride	5.845	62	113339
9] 1-Butene	5.955	41	322009
10] 1,3-Butadiene	6.004	54	150684
11] Butane	6.065	43	140787
12) trans-2-butene	6.175	41	116084
13] Bromomethane	6.321	94	110777
14] cis-2-butene	6.346	41	116674
15] Chloroethane	6.492	64	60139
16] Ethanol	6.59	31	61618
17] Vinyl Bromide	6.868	106	82939
18] Acetonitrile	6.834	41	70690
19] Acrolein	6.961	56	15295
20] Acetone	7.094	43	335519
21] iso-Pentane	7.115	41	98577
22] Trichlorofluoromethane	7.259	101	301668
23] Isopropyl Alcohol	7.3	45	61196
24] 1-Pentene	7.361	42	97139

Conc Units Dev(Min)

20.00 ppbv # 0.02
20.00 ppbv # 0.03
20.00 ppbv # 0.02

Qvalue
2.28 ppbv 97
3.94 ppbv 88
1.33 ppbv 99
1.97 ppbv 100
1.66 ppbv # 83
1.49 ppbv 85
1.71 ppbv 100
4.76 ppbv 93
1.76 ppbv # 67
1.61 ppbv 99
1.76 ppbv 93
1.56 ppbv # 97
1.70 ppbv 92
1.79 ppbv 98
1.51 ppbv # 97
1.08 ppbv 100
1.72 ppbv 97
1.07 ppbv # 93
1.84 ppbv 95
1.39 ppbv # 77
1.09 ppbv # 99
1.60 ppbv # 75
1.30 ppbv # 81

Quantitation Report (QT Reviewed)

Data Path : E:\Entech files1\2018\Nov\110618\
Data File : 110618002.D
Acq On : 6 Nov 2018 12:15 pm
Operator :
Sample : Inst Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 23 15:14:42 2019
Quant Method : C:\msdchem\1\METHODS\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Fri Mar 23 22:58:57 2007
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons	e
Internal Standards				
1) Bromochloromethane	9.865	130	298749	
62) 1,4-Difluorobenzene	12.004	114	863249	
89) Chlorobenzene-d5	18.369	82	216423	
Target Compounds				
2] Propylene	5.197	41	9875	
3] Propane	5.197	43	7646	
4) Dichlorodifluoromethane	0		0	
5) Chloromethane	0		0	
6) Isobutane	0		0	
7) Dichlorotetrafluoroethane	0		0	
8) Vinyl Chloride	0		0	
9] 1-Butene	5.943	41	89531	
10) 1,3-Butadiene	0		0	
11) Butane	0		0	
12) trans-2-butene	0		0	
13) Bromomethane	0		0	
14) cis-2-butene	0		0	
15) Chloroethane	0		0	
16) Ethanol	0		0	
17) Vinyl Bromide	0		0	
18) Acetonitrile	0		0	
19) Acrolein	0		0	
20] Acetone	7.09	43	38580	
21) iso-Pentane	0		0	
22] Trichlorofluoromethane	7.265	101	413	m
23] Isopropyl Alcohol	7.306	45	1092	m
24) 1-Pentene	0		0	

Conc	Units	Dev(Min)
20.00	ppbv	0.03
20.00	ppbv	0.04
20.00	ppbv	0.03

Qvalue		
0.11	ppbv #	30
0.64	ppbv #	70
N.D.		
N.D. d		
N.D. d		
N.D.		
N.D.		
1.77	ppbv	96
N.D.		
N.D. d		
N.D. d		
N.D.		
N.D. d		
N.D.		
N.D.		
N.D.		
N.D.		
N.D.		
0.15	ppbv	94
N.D.		
Below Cal		
0.03	ppbv	
N.D.		

Quantitation Report (QT Reviewed)

Data Path : E:\Entech files1\2019\Mar\030719\
Data File : 030719002.D
Acq On : 7 Mar 2019 6:51 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 23 15:42:02 2019
Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS
QLast Update : Mon Mar 04 18:52:03 2019
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons	e
Internal Standards				
1) Bromochloromethane	10.02	130	145262	
62) 1,4-Difluorobenzene	12.114	114	617805	
89) Chlorobenzene-d5	18.395	82	276199	
Target Compounds				
2] Propylene	5.174	41	43491	
3] Propane	5.162	43	32598	
4) Dichlorodifluoromethane	0		0	
5) Chloromethane	0		0	
6] Isobutane	5.955	41	33689	
7) Dichlorotetrafluoroethane	0		0	
8) Vinyl Chloride	0		0	
9] 1-Butene	6.211	41	144644	
10] 1,3-Butadiene	6.211	54	5055	
11] Butane	6.333	43	6001	
12) trans-2-butene	0		0	
13) Bromomethane	0		0	
14) cis-2-butene	0		0	
15) Chloroethane	0		0	
16) Ethanol	0		0	
17) Vinyl Bromide	0		0	
18) Acetonitrile	0		0	
19) Acrolein	0		0	
20] Acetone	7.343	43	34763	
21) iso-Pentane	0		0	
22) Trichlorofluoromethane	0		0	
23] Isopropyl Alcohol	7.538	45	2130	m
24) 1-Pentene	0		0	

Conc Units Dev(Min)

20.00 ppbv 0.04
20.00 ppbv 0.04
20.00 ppbv # 0.01

Qvalue
Below Cal # 54
Below Cal # 52
N.D.
N.D.
Below Cal 92
N.D.
N.D.
Below Cal 97
Below Cal # 1
Below Cal # 69
N.D. d
N.D.
N.D. d
N.D.
N.D.
N.D.
N.D.
N.D.
Below Cal # 67
N.D.
N.D.
Below Cal
N.D.

Quantitation Report (QT Reviewed)

Data Path : E:\Entech files1\2018\Nov\111318\
Data File : 111318005.D
Acq On : 13 Nov 2018 2:47 pm
Operator :
Sample : 10041803
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 23 16:36:46 2019
Quant Method : C:\msdchem\1\methods\TOP_072518cal.M
Quant Title : TO15-PAMS
QLast Update : Thu Jul 26 13:02:28 2018
Response via : Initial Calibration

Compound	R.T.	Qlon	Respons	e
Internal Standards				
1) Bromochloromethane	9.852	130	1836973	
62) 1,4-Difluorobenzene	11.992	114	6814998	
89) Chlorobenzene-d5	18.357	82	1676604	
Target Compounds				
2] Propylene	5.168	41	85000	
3] Propane	5.197	43	70745	
4] Dichlorodifluoromethane	5.27	85	1850	
5] Chloromethane	5.548	50	8810	m
6] Isobutane	5.694	41	35743	m
7) Dichlorotetrafluoroethane	0		0	
8) Vinyl Chloride	0		0	
9] 1-Butene	5.943	41	436510	
10) 1,3-Butadiene	0		0	
11) Butane	0		0	
12) trans-2-butene	0		0	
13) Bromomethane	0		0	
14] cis-2-butene	6.367	41	1393	
15] Chloroethane	6.484	64	2303	
16] Ethanol	6.586	31	27983	
17) Vinyl Bromide	0		0	
18] Acetonitrile	6.82	41	16262	m
19] Acrolein	6.957	56	19223	
20] Acetone	7.08	43	765439	
21] iso-Pentane	7.08	41	21209	m
22] Trichlorofluoromethane	7.244	101	1934	
23] Isopropyl Alcohol	7.295	45	18528	
24) 1-Pentene	0		0	

Conc Units Dev(Min)

20.00 ppbv # 0.00
20.00 ppbv # 0.01
20.00 ppbv # 0.02

Qvalue
0.07 ppbv # 72
0.30 ppbv 86
Below Cal # 43
Below Cal
0.02 ppbv
N.D. d
N.D. d
0.45 ppbv 91
N.D. d
N.D. d
N.D. d
N.D. d
Below Cal # 20
Below Cal # 45
Below Cal # 77
N.D. d
Below Cal
0.11 ppbv # 97
0.39 ppbv # 83
0.01 ppbv
Below Cal # 88
Below Cal # 1
N.D. d

1,1-Dichloroethane	0.00	0.00	ppbv	0	65.1
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0	57.1
Vinyl Acetate	9.15	0.04	ppbv	45106	86.1
2-Methylpentane	0.00	0.00	ppbv	0	42.1
2-Butanone	9.42	0.12	ppbv	10720	72.1
3-Methylpentane	9.57	0.00	ppbv	287	56.1
2-Chloroprene	0.00	0.00	ppbv	0	88.1
1-Hexene	0.00	0.00	ppbv	0	41.1
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Diisopropyl ether	0.00	0.00	ppbv	0	87.1
Ethyl Acetate	0.00	0.00	ppbv	0	61.1
n-Hexane	10.02	-1.00	ppbv	183	43.1
Chloroform	0.00	0.00	ppbv	0	85
Tetrahydrofuran	0.00	0.00	ppbv	0	72.1
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv	0	87.1
Methylcyclopentane	0.00	0.00	ppbv	0	84.1
1,2-Dichloroethane	0.00	0.00	ppbv	0	64.1
2,4-Dimethylpentane	0.00	0.00	ppbv	0	57.1
1,1,1-Trichloroethane	0.00	0.00	ppbv	0	99
Benzene	11.70	-1.00	ppbv	839	77.1
Carbon Tetrachloride	0.00	0.00	ppbv	0	119
Cyclohexane	0.00	0.00	ppbv	0	69.1
2-Methylhexane	0.00	0.00	ppbv	0	85
2,3-Dimethylpentane	0.00	0.00	ppbv	0	43.1
Tert Amyl Methyl Ether	0.00	0.00	ppbv	0	87.1
3-methylhexane	0.00	0.00	ppbv	0	71.1
1,2-Dichloropropane	0.00	0.00	ppbv	0	65.1
Ethyl acrylate	0.00	0.00	ppbv	0	73.1
Bromodichloromethane	0.00	0.00	ppbv	0	85
1,4-Dioxane	0.00	0.00	ppbv	0	58.1
Trichloroethene	0.00	0.00	ppbv	0	131.9
Isooctane	0.00	0.00	ppbv	0	56.1
Methyl Methacrylate	0.00	0.00	ppbv	0	69.1
Heptane	0.00	0.00	ppbv	0	71.1
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
4-Methy-2-Pentanone	0.00	0.00	ppbv	0	58.1
Methylcyclohexane	0.00	0.00	ppbv	0	55.1
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
1,1,2-Trichloroethane	0.00	0.00	ppbv	0	99
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0	71
Toluene	0.00	0.00	ppbv	0	92.1
2-Methylheptane	0.00	0.00	ppbv	0	43.1
2-Hexanone	0.00	0.00	ppbv	0	58.1
Dibromochloromethane	0.00	0.00	ppbv	0	126.9
3-Methylheptane	0.00	0.00	ppbv	0	57.1
1,2-Dibromoethane	0.00	0.00	ppbv	0	109

1,1-Dichloroethane	9.06	-1.00	ppbv
Methyl-t-Butyl-Ether	9.10	-1.00	ppbv
Vinyl Acetate	9.14	0.04	ppbv
2-Methylpentane	9.18	0.00	ppbv
2-Butanone	9.41	0.17	ppbv
3-Methylpentane	9.56	0.02	ppbv
2-Chloroprene	9.57	0.00	ppbv
1-Hexene	9.70	0.01	ppbv
cis-1,2-Dichloroethene	9.84	0.01	ppbv
Diisopropyl ether	10.00	0.02	ppbv
Ethyl Acetate	0.00	0.00	ppbv
n-Hexane	10.01	-1.00	ppbv
Chloroform	10.11	-0.42	ppbv
Tetrahydrofuran	10.55	0.03	ppbv
Ethyl Tert-Butyl Ether	10.54	0.05	ppbv
Methylcyclopentane	0.00	0.00	ppbv
1,2-Dichloroethane	10.90	-1.00	ppbv
2,4-Dimethylpentane	10.91	0.02	ppbv
1,1,1-Trichloroethane	11.17	-1.00	ppbv
Benzene	11.69	-1.00	ppbv
Carbon Tetrachloride	11.87	-0.46	ppbv
Cyclohexane	0.00	0.00	ppbv
2-Methylhexane	0.00	0.00	ppbv
2,3-Dimethylpentane	0.00	0.00	ppbv
Tert Amyl Methyl Ether	0.00	0.00	ppbv
3-methylhexane	12.48	0.02	ppbv
1,2-Dichloropropane	0.00	0.00	ppbv
Ethyl acrylate	0.00	0.00	ppbv
Bromodichloromethane	12.93	-1.00	ppbv
1,4-Dioxane	0.00	0.00	ppbv
Trichloroethene	13.00	0.01	ppbv
Isooctane	13.02	0.07	ppbv
Methyl Methacrylate	0.00	0.00	ppbv
Heptane	13.35	0.04	ppbv
cis-1,3-Dichloropropene	0.00	0.00	ppbv
4-Methy-2-Pentanone	0.00	0.00	ppbv
Methylcyclohexane	14.30	0.02	ppbv
trans-1,3-Dichloropropene	0.00	0.00	ppbv
1,1,2-Trichloroethane	15.18	0.03	ppbv
2,3,4-Trimethylpentane	15.35	0.02	ppbv
Toluene	15.61	0.07	ppbv
2-Methylheptane	15.86	0.02	ppbv
2-Hexanone	16.16	-1.00	ppbv
Dibromochloromethane	16.23	0.05	ppbv
3-Methylheptane	16.16	0.02	ppbv
1,2-Dibromoethane	0.00	0.00	ppbv

1583	65.1	1,1-Dichloroethane
1425	57.1	Methyl-t-Butyl-Ether
39893	86.1	Vinyl Acetate
396	42.1	2-Methylpentane
17472	72.1	2-Butanone
1587	56.1	3-Methylpentane
913	88.1	2-Chloroprene
371	41.1	1-Hexene
453	96	cis-1,2-Dichloroethene
2208	87.1	Diisopropyl ether
0	61.1	Ethyl Acetate
1252	43.1	n-Hexane
1120	85	Chloroform
518	72.1	Tetrahydrofuran
738	87.1	Ethyl Tert-Butyl Ether
0	84.1	Methylcyclopentane
1036	64.1	1,2-Dichloroethane
1056	57.1	2,4-Dimethylpentane
1265	99	1,1,1-Trichloroethane
1953	77.1	Benzene
1364	119	Carbon Tetrachloride
0	69.1	Cyclohexane
0	85	2-Methylhexane
0	43.1	2,3-Dimethylpentane
0	87.1	Tert Amyl Methyl Ether
1484	71.1	3-methylhexane
0	65.1	1,2-Dichloropropane
0	73.1	Ethyl acrylate
984	85	Bromodichloromethane
0	58.1	1,4-Dioxane
385	131.9	Trichloroethene
3286	56.1	Isooctane
0	69.1	Methyl Methacrylate
1221	71.1	Heptane
0	77.1	cis-1,3-Dichloropropene
0	58.1	4-Methy-2-Pentanone
509	55.1	Methylcyclohexane
0	77.1	trans-1,3-Dichloropropene
245	99	1,1,2-Trichloroethane
1387	71	2,3,4-Trimethylpentane
1842	92.1	Toluene
515	43.1	2-Methylheptane
756	58.1	2-Hexanone
450	126.9	Dibromochloromethane
876	57.1	3-Methylheptane
0	109	1,2-Dibromoethane

0.00	0.00	ppbv	0	65.1
0.00	0.00	ppbv	0	57.1
9.01	-1.00	ppbv	11805	86.1
0.00	0.00	ppbv	0	42.1
9.30	0.07	ppbv	5967	72.1
9.40	0.01	ppbv	830	56.1
0.00	0.00	ppbv	0	88.1
0.00	0.00	ppbv	0	41.1
0.00	0.00	ppbv	0	96
0.00	0.00	ppbv	0	87.1
0.00	0.00	ppbv	0	61.1
0.00	0.00	ppbv	0	43.1
0.00	0.00	ppbv	0	85
0.00	0.00	ppbv	0	72.1
0.00	0.00	ppbv	0	87.1
0.00	0.00	ppbv	0	84.1
0.00	0.00	ppbv	0	64.1
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	99
11.60	-1.00	ppbv	1009	77.1
0.00	0.00	ppbv	0	119
0.00	0.00	ppbv	0	69.1
11.98	0.01	ppbv	589	85
0.00	0.00	ppbv	0	43.1
0.00	0.00	ppbv	0	87.1
0.00	0.00	ppbv	0	71.1
0.00	0.00	ppbv	0	65.1
0.00	0.00	ppbv	0	73.1
0.00	0.00	ppbv	0	85
0.00	0.00	ppbv	0	58.1
12.93	0.01	ppbv	595	131.9
0.00	0.00	ppbv	0	56.1
0.00	0.00	ppbv	0	69.1
0.00	0.00	ppbv	0	71.1
0.00	0.00	ppbv	0	77.1
0.00	0.00	ppbv	0	58.1
0.00	0.00	ppbv	0	55.1
0.00	0.00	ppbv	0	77.1
0.00	0.00	ppbv	0	99
0.00	0.00	ppbv	0	71
0.00	0.00	ppbv	0	92.1
0.00	0.00	ppbv	0	43.1
0.00	0.00	ppbv	0	58.1
0.00	0.00	ppbv	0	126.9
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv	0	65.1
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0	57.1
Vinyl Acetate	9.01	-1.00	ppbv	16549	86.1
2-Methylpentane	0.00	0.00	ppbv	0	42.1
2-Butanone	9.30	0.07	ppbv	7550	72.1
3-Methylpentane	0.00	0.00	ppbv	0	56.1
2-Chloroprene	0.00	0.00	ppbv	0	88.1
1-Hexene	0.00	0.00	ppbv	0	41.1
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Diisopropyl ether	0.00	0.00	ppbv	0	87.1
Ethyl Acetate	0.00	0.00	ppbv	0	61.1
n-Hexane	0.00	0.00	ppbv	0	43.1
Chloroform	9.86	-0.43	ppbv	237	85
Tetrahydrofuran	0.00	0.00	ppbv	0	72.1
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv	0	87.1
Methylcyclopentane	0.00	0.00	ppbv	0	84.1
1,2-Dichloroethane	0.00	0.00	ppbv	0	64.1
2,4-Dimethylpentane	0.00	0.00	ppbv	0	57.1
1,1,1-Trichloroethane	0.00	0.00	ppbv	0	99
Benzene	11.60	-1.00	ppbv	842	77.1
Carbon Tetrachloride	0.00	0.00	ppbv	0	119
Cyclohexane	0.00	0.00	ppbv	0	69.1
2-Methylhexane	12.00	0.01	ppbv	956	85
2,3-Dimethylpentane	0.00	0.00	ppbv	0	43.1
Tert Amyl Methyl Ether	0.00	0.00	ppbv	0	87.1
3-methylhexane	0.00	0.00	ppbv	0	71.1
1,2-Dichloropropane	0.00	0.00	ppbv	0	65.1
Ethyl acrylate	0.00	0.00	ppbv	0	73.1
Bromodichloromethane	0.00	0.00	ppbv	0	85
1,4-Dioxane	0.00	0.00	ppbv	0	58.1
Trichloroethene	12.94	0.01	ppbv	635	131.9
Isooctane	0.00	0.00	ppbv	0	56.1
Methyl Methacrylate	0.00	0.00	ppbv	0	69.1
Heptane	0.00	0.00	ppbv	0	71.1
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
4-Methy-2-Pentanone	0.00	0.00	ppbv	0	58.1
Methylcyclohexane	0.00	0.00	ppbv	0	55.1
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
1,1,2-Trichloroethane	0.00	0.00	ppbv	0	99
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0	71
Toluene	0.00	0.00	ppbv	0	92.1
2-Methylheptane	0.00	0.00	ppbv	0	43.1
2-Hexanone	0.00	0.00	ppbv	0	58.1
Dibromochloromethane	0.00	0.00	ppbv	0	126.9
3-Methylheptane	0.00	0.00	ppbv	0	57.1
1,2-Dibromoethane	0.00	0.00	ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv
Methyl-t-Butyl-Ether	0.00	0.00	ppbv
Vinyl Acetate	0.00	0.00	ppbv
2-Methylpentane	0.00	0.00	ppbv
2-Butanone	0.00	0.00	ppbv
3-Methylpentane	0.00	0.00	ppbv
2-Chloroprene	0.00	0.00	ppbv
1-Hexene	0.00	0.00	ppbv
cis-1,2-Dichloroethene	0.00	0.00	ppbv
Diisopropyl ether	0.00	0.00	ppbv
Ethyl Acetate	0.00	0.00	ppbv
n-Hexane	0.00	0.00	ppbv
Chloroform	0.00	0.00	ppbv
Tetrahydrofuran	0.00	0.00	ppbv
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv
Methylcyclopentane	0.00	0.00	ppbv
1,2-Dichloroethane	0.00	0.00	ppbv
2,4-Dimethylpentane	0.00	0.00	ppbv
1,1,1-Trichloroethane	0.00	0.00	ppbv
Benzene	0.00	0.00	ppbv
Carbon Tetrachloride	0.00	0.00	ppbv
Cyclohexane	0.00	0.00	ppbv
2-Methylhexane	0.00	0.00	ppbv
2,3-Dimethylpentane	0.00	0.00	ppbv
Tert Amyl Methyl Ether	0.00	0.00	ppbv
3-methylhexane	0.00	0.00	ppbv
1,2-Dichloropropane	0.00	0.00	ppbv
Ethyl acrylate	0.00	0.00	ppbv
Bromodichloromethane	0.00	0.00	ppbv
1,4-Dioxane	0.00	0.00	ppbv
Trichloroethene	0.00	0.00	ppbv
Isooctane	0.00	0.00	ppbv
Methyl Methacrylate	0.00	0.00	ppbv
Heptane	0.00	0.00	ppbv
cis-1,3-Dichloropropene	0.00	0.00	ppbv
4-Methy-2-Pentanone	0.00	0.00	ppbv
Methylcyclohexane	0.00	0.00	ppbv
trans-1,3-Dichloropropene	0.00	0.00	ppbv
1,1,2-Trichloroethane	0.00	0.00	ppbv
2,3,4-Trimethylpentane	0.00	0.00	ppbv
Toluene	0.00	0.00	ppbv
2-Methylheptane	0.00	0.00	ppbv
2-Hexanone	0.00	0.00	ppbv
Dibromochloromethane	0.00	0.00	ppbv
3-Methylheptane	0.00	0.00	ppbv
1,2-Dibromoethane	0.00	0.00	ppbv

0	65.1	1,1-Dichloroethane
0	57.1	Methyl-t-Butyl-Ether
0	86.1	Vinyl Acetate
0	42.1	2-Methylpentane
0	72.1	2-Butanone
0	56.1	3-Methylpentane
0	88.1	2-Chloroprene
0	41.1	1-Hexene
0	96	cis-1,2-Dichloroethene
0	87.1	Diisopropyl ether
0	61.1	Ethyl Acetate
0	43.1	n-Hexane
0	85	Chloroform
0	72.1	Tetrahydrofuran
0	87.1	Ethyl Tert-Butyl Ether
0	84.1	Methylcyclopentane
0	64.1	1,2-Dichloroethane
0	57.1	2,4-Dimethylpentane
0	99	1,1,1-Trichloroethane
0	77.1	Benzene
0	119	Carbon Tetrachloride
0	69.1	Cyclohexane
0	85	2-Methylhexane
0	43.1	2,3-Dimethylpentane
0	87.1	Tert Amyl Methyl Ether
0	71.1	3-methylhexane
0	65.1	1,2-Dichloropropane
0	73.1	Ethyl acrylate
0	85	Bromodichloromethane
0	58.1	1,4-Dioxane
0	131.9	Trichloroethene
0	56.1	Isooctane
0	69.1	Methyl Methacrylate
0	71.1	Heptane
0	77.1	cis-1,3-Dichloropropene
0	58.1	4-Methy-2-Pentanone
0	55.1	Methylcyclohexane
0	77.1	trans-1,3-Dichloropropene
0	99	1,1,2-Trichloroethane
0	71	2,3,4-Trimethylpentane
0	92.1	Toluene
0	43.1	2-Methylheptane
0	58.1	2-Hexanone
0	126.9	Dibromochloromethane
0	57.1	3-Methylheptane
0	109	1,2-Dibromoethane

8.83	-1.00	ppbv	1040	65.1
8.82	0.08	ppbv	5224	57.1
8.99	-1.00	ppbv	116978	86.1
0.00	0.00	ppbv	0	42.1
9.27	0.26	ppbv	98505	72.1
0.00	0.00	ppbv	0	56.1
9.38	0.08	ppbv	1805	88.1
0.00	0.00	ppbv	0	41.1
0.00	0.00	ppbv	0	96
0.00	0.00	ppbv	0	87.1
0.00	0.00	ppbv	0	61.1
0.00	0.00	ppbv	0	43.1
0.00	0.00	ppbv	0	85
10.47	0.08	ppbv	2601	72.1
0.00	0.00	ppbv	0	87.1
0.00	0.00	ppbv	0	84.1
0.00	0.00	ppbv	0	64.1
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	99
11.58	0.05	ppbv	4607	77.1
0.00	0.00	ppbv	0	119
0.00	0.00	ppbv	0	69.1
0.00	0.00	ppbv	0	85
0.00	0.00	ppbv	0	43.1
0.00	0.00	ppbv	0	87.1
0.00	0.00	ppbv	0	71.1
0.00	0.00	ppbv	0	65.1
0.00	0.00	ppbv	0	73.1
0.00	0.00	ppbv	0	85
0.00	0.00	ppbv	0	58.1
12.91	0.04	ppbv	2096	131.9
13.00	0.04	ppbv	1152	56.1
0.00	0.00	ppbv	0	69.1
0.00	0.00	ppbv	0	71.1
0.00	0.00	ppbv	0	77.1
14.27	0.17	ppbv	68336	58.1
0.00	0.00	ppbv	0	55.1
0.00	0.00	ppbv	0	77.1
0.00	0.00	ppbv	0	99
0.00	0.00	ppbv	0	71
15.58	0.11	ppbv	1453	92.1
0.00	0.00	ppbv	0	43.1
0.00	0.00	ppbv	0	58.1
0.00	0.00	ppbv	0	126.9
0.00	0.00	ppbv	0	57.1
0.00	0.00	ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv	0
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0
Vinyl Acetate	8.99	-1.00	ppbv	91127
2-Methylpentane	0.00	0.00	ppbv	0
2-Butanone	9.29	0.16	ppbv	41473
3-Methylpentane	0.00	0.00	ppbv	0
2-Chloroprene	0.00	0.00	ppbv	0
1-Hexene	0.00	0.00	ppbv	0
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0
Diisopropyl ether	0.00	0.00	ppbv	0
Ethyl Acetate	0.00	0.00	ppbv	0
n-Hexane	0.00	0.00	ppbv	0
Chloroform	9.85	-0.24	ppbv	1098
Tetrahydrofuran	10.45	0.08	ppbv	6929
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv	0
Methylcyclopentane	0.00	0.00	ppbv	0
1,2-Dichloroethane	0.00	0.00	ppbv	0
2,4-Dimethylpentane	11.06	0.03	ppbv	17512
1,1,1-Trichloroethane	0.00	0.00	ppbv	0
Benzene	11.59	0.05	ppbv	5008
Carbon Tetrachloride	0.00	0.00	ppbv	0
Cyclohexane	0.00	0.00	ppbv	0
2-Methylhexane	0.00	0.00	ppbv	0
2,3-Dimethylpentane	0.00	0.00	ppbv	0
Tert Amyl Methyl Ether	0.00	0.00	ppbv	0
3-methylhexane	0.00	0.00	ppbv	0
1,2-Dichloropropane	0.00	0.00	ppbv	0
Ethyl acrylate	0.00	0.00	ppbv	0
Bromodichloromethane	0.00	0.00	ppbv	0
1,4-Dioxane	0.00	0.00	ppbv	0
Trichloroethene	12.92	0.04	ppbv	2946
Isooctane	0.00	0.00	ppbv	0
Methyl Methacrylate	0.00	0.00	ppbv	0
Heptane	0.00	0.00	ppbv	0
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0
4-Methy-2-Pentanone	14.24	0.16	ppbv	97626
Methylcyclohexane	0.00	0.00	ppbv	0
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0
1,1,2-Trichloroethane	0.00	0.00	ppbv	0
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0
Toluene	15.59	0.11	ppbv	1474
2-Methylheptane	0.00	0.00	ppbv	0
2-Hexanone	0.00	0.00	ppbv	0
Dibromochloromethane	0.00	0.00	ppbv	0
3-Methylheptane	0.00	0.00	ppbv	0
1,2-Dibromoethane	0.00	0.00	ppbv	0

65.1	1,1-Dichloroethane	0.00	0.00
57.1	Methyl-t-Butyl-Ether	8.83	0.08
86.1	Vinyl Acetate	9.02	-1.00
42.1	2-Methylpentane	0.00	0.00
72.1	2-Butanone	9.32	0.18
56.1	3-Methylpentane	0.00	0.00
88.1	2-Chloroprene	0.00	0.00
41.1	1-Hexene	0.00	0.00
96	cis-1,2-Dichloroethene	0.00	0.00
87.1	Diisopropyl ether	0.00	0.00
61.1	Ethyl Acetate	0.00	0.00
43.1	n-Hexane	0.00	0.00
85	Chloroform	0.00	0.00
72.1	Tetrahydrofuran	0.00	0.00
87.1	Ethyl Tert-Butyl Ether	0.00	0.00
84.1	Methylcyclopentane	0.00	0.00
64.1	1,2-Dichloroethane	0.00	0.00
57.1	2,4-Dimethylpentane	0.00	0.00
99	1,1,1-Trichloroethane	0.00	0.00
77.1	Benzene	11.61	0.05
119	Carbon Tetrachloride	11.76	-0.25
69.1	Cyclohexane	0.00	0.00
85	2-Methylhexane	0.00	0.00
43.1	2,3-Dimethylpentane	0.00	0.00
87.1	Tert Amyl Methyl Ether	0.00	0.00
71.1	3-methylhexane	0.00	0.00
65.1	1,2-Dichloropropane	0.00	0.00
73.1	Ethyl acrylate	0.00	0.00
85	Bromodichloromethane	0.00	0.00
58.1	1,4-Dioxane	0.00	0.00
131.9	Trichloroethene	12.93	0.04
56.1	Isooctane	0.00	0.00
69.1	Methyl Methacrylate	0.00	0.00
71.1	Heptane	0.00	0.00
77.1	cis-1,3-Dichloropropene	0.00	0.00
58.1	4-Methy-2-Pentanone	14.17	0.52
55.1	Methylcyclohexane	14.18	0.04
77.1	trans-1,3-Dichloropropene	0.00	0.00
99	1,1,2-Trichloroethane	0.00	0.00
71	2,3,4-Trimethylpentane	0.00	0.00
92.1	Toluene	15.60	0.11
43.1	2-Methylheptane	0.00	0.00
58.1	2-Hexanone	0.00	0.00
126.9	Dibromochloromethane	16.22	0.04
57.1	3-Methylheptane	0.00	0.00
109	1,2-Dibromoethane	0.00	0.00

ppbv	0	65.1
ppbv	1268	57.1
ppbv	45829	86.1
ppbv	0	42.1
ppbv	53066	72.1
ppbv	0	56.1
ppbv	0	88.1
ppbv	0	41.1
ppbv	0	96
ppbv	0	87.1
ppbv	0	61.1
ppbv	0	43.1
ppbv	0	85
ppbv	0	72.1
ppbv	0	87.1
ppbv	0	84.1
ppbv	0	64.1
ppbv	0	57.1
ppbv	0	99
ppbv	5380	77.1
ppbv	362	119
ppbv	0	69.1
ppbv	0	85
ppbv	0	43.1
ppbv	0	87.1
ppbv	0	71.1
ppbv	0	65.1
ppbv	0	73.1
ppbv	0	85
ppbv	0	58.1
ppbv	2550	131.9
ppbv	0	56.1
ppbv	0	69.1
ppbv	0	71.1
ppbv	0	77.1
ppbv	359098	58.1
ppbv	18883	55.1
ppbv	0	77.1
ppbv	0	99
ppbv	0	71
ppbv	1563	92.1
ppbv	0	43.1
ppbv	0	58.1
ppbv	410	126.9
ppbv	0	57.1
ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv	0
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0
Vinyl Acetate	8.97	0.45	ppbv	443389
2-Methylpentane	0.00	0.00	ppbv	0
2-Butanone	9.27	0.23	ppbv	83426
3-Methylpentane	9.39	0.01	ppbv	3895
2-Chloroprene	0.00	0.00	ppbv	0
1-Hexene	0.00	0.00	ppbv	0
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0
Diisopropyl ether	0.00	0.00	ppbv	0
Ethyl Acetate	0.00	0.00	ppbv	0
n-Hexane	9.88	0.04	ppbv	1409
Chloroform	9.96	-0.23	ppbv	4766
Tetrahydrofuran	10.46	0.08	ppbv	2366
Ethyl Tert-Butyl Ether	10.50	0.10	ppbv	1542
Methylcyclopentane	0.00	0.00	ppbv	0
1,2-Dichloroethane	0.00	0.00	ppbv	0
2,4-Dimethylpentane	0.00	0.00	ppbv	0
1,1,1-Trichloroethane	0.00	0.00	ppbv	0
Benzene	11.58	0.05	ppbv	6688
Carbon Tetrachloride	0.00	0.00	ppbv	0
Cyclohexane	0.00	0.00	ppbv	0
2-Methylhexane	0.00	0.00	ppbv	0
2,3-Dimethylpentane	0.00	0.00	ppbv	0
Tert Amyl Methyl Ether	0.00	0.00	ppbv	0
3-methylhexane	0.00	0.00	ppbv	0
1,2-Dichloropropane	0.00	0.00	ppbv	0
Ethyl acrylate	0.00	0.00	ppbv	0
Bromodichloromethane	0.00	0.00	ppbv	0
1,4-Dioxane	0.00	0.00	ppbv	0
Trichloroethene	12.92	0.04	ppbv	2551
Isooctane	0.00	0.00	ppbv	0
Methyl Methacrylate	0.00	0.00	ppbv	0
Heptane	0.00	0.00	ppbv	0
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0
4-Methy-2-Pentanone	0.00	0.00	ppbv	0
Methylcyclohexane	0.00	0.00	ppbv	0
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0
1,1,2-Trichloroethane	0.00	0.00	ppbv	0
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0
Toluene	15.58	0.11	ppbv	1935
2-Methylheptane	0.00	0.00	ppbv	0
2-Hexanone	0.00	0.00	ppbv	0
Dibromochloromethane	0.00	0.00	ppbv	0
3-Methylheptane	0.00	0.00	ppbv	0
1,2-Dibromoethane	0.00	0.00	ppbv	0

65.1	1,1-Dichloroethane	0.00	0.00
57.1	Methyl-t-Butyl-Ether	0.00	0.00
86.1	Vinyl Acetate	9.02	-1.00
42.1	2-Methylpentane	0.00	0.00
72.1	2-Butanone	9.33	0.13
56.1	3-Methylpentane	0.00	0.00
88.1	2-Chloroprene	0.00	0.00
41.1	1-Hexene	0.00	0.00
96	cis-1,2-Dichloroethene	0.00	0.00
87.1	Diisopropyl ether	0.00	0.00
61.1	Ethyl Acetate	0.00	0.00
43.1	n-Hexane	0.00	0.00
85	Chloroform	0.00	0.00
72.1	Tetrahydrofuran	0.00	0.00
87.1	Ethyl Tert-Butyl Ether	0.00	0.00
84.1	Methylcyclopentane	0.00	0.00
64.1	1,2-Dichloroethane	0.00	0.00
57.1	2,4-Dimethylpentane	0.00	0.00
99	1,1,1-Trichloroethane	0.00	0.00
77.1	Benzene	11.58	0.05
119	Carbon Tetrachloride	11.75	-0.25
69.1	Cyclohexane	0.00	0.00
85	2-Methylhexane	0.00	0.00
43.1	2,3-Dimethylpentane	0.00	0.00
87.1	Tert Amyl Methyl Ether	0.00	0.00
71.1	3-methylhexane	0.00	0.00
65.1	1,2-Dichloropropane	0.00	0.00
73.1	Ethyl acrylate	0.00	0.00
85	Bromodichloromethane	0.00	0.00
58.1	1,4-Dioxane	0.00	0.00
131.9	Trichloroethene	12.91	0.04
56.1	Isooctane	0.00	0.00
69.1	Methyl Methacrylate	0.00	0.00
71.1	Heptane	0.00	0.00
77.1	cis-1,3-Dichloropropene	0.00	0.00
58.1	4-Methy-2-Pentanone	0.00	0.00
55.1	Methylcyclohexane	0.00	0.00
77.1	trans-1,3-Dichloropropene	0.00	0.00
99	1,1,2-Trichloroethane	0.00	0.00
71	2,3,4-Trimethylpentane	0.00	0.00
92.1	Toluene	15.60	0.11
43.1	2-Methylheptane	0.00	0.00
58.1	2-Hexanone	0.00	0.00
126.9	Dibromochloromethane	0.00	0.00
57.1	3-Methylheptane	0.00	0.00
109	1,2-Dibromoethane	0.00	0.00

ppbv	0	65.1
ppbv	0	57.1
ppbv	13277	86.1
ppbv	0	42.1
ppbv	14892	72.1
ppbv	0	56.1
ppbv	0	88.1
ppbv	0	41.1
ppbv	0	96
ppbv	0	87.1
ppbv	0	61.1
ppbv	0	43.1
ppbv	0	85
ppbv	0	72.1
ppbv	0	87.1
ppbv	0	84.1
ppbv	0	64.1
ppbv	0	57.1
ppbv	0	99
ppbv	4905	77.1
ppbv	1265	119
ppbv	0	69.1
ppbv	0	85
ppbv	0	43.1
ppbv	0	87.1
ppbv	0	71.1
ppbv	0	65.1
ppbv	0	73.1
ppbv	0	85
ppbv	0	58.1
ppbv	2386	131.9
ppbv	0	56.1
ppbv	0	69.1
ppbv	0	71.1
ppbv	0	77.1
ppbv	0	58.1
ppbv	0	55.1
ppbv	0	77.1
ppbv	0	99
ppbv	0	71
ppbv	2327	92.1
ppbv	0	43.1
ppbv	0	58.1
ppbv	0	126.9
ppbv	0	57.1
ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv	0	65.1
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0	57.1
Vinyl Acetate	8.99	0.03	ppbv	83818	86.1
2-Methylpentane	0.00	0.00	ppbv	0	42.1
2-Butanone	9.29	0.15	ppbv	32185	72.1
3-Methylpentane	0.00	0.00	ppbv	0	56.1
2-Chloroprene	0.00	0.00	ppbv	0	88.1
1-Hexene	0.00	0.00	ppbv	0	41.1
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Diisopropyl ether	0.00	0.00	ppbv	0	87.1
Ethyl Acetate	0.00	0.00	ppbv	0	61.1
n-Hexane	0.00	0.00	ppbv	0	43.1
Chloroform	0.00	0.00	ppbv	0	85
Tetrahydrofuran	0.00	0.00	ppbv	0	72.1
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv	0	87.1
Methylcyclopentane	0.00	0.00	ppbv	0	84.1
1,2-Dichloroethane	0.00	0.00	ppbv	0	64.1
2,4-Dimethylpentane	0.00	0.00	ppbv	0	57.1
1,1,1-Trichloroethane	0.00	0.00	ppbv	0	99
Benzene	11.57	-1.00	ppbv	1932	77.1
Carbon Tetrachloride	0.00	0.00	ppbv	0	119
Cyclohexane	0.00	0.00	ppbv	0	69.1
2-Methylhexane	0.00	0.00	ppbv	0	85
2,3-Dimethylpentane	0.00	0.00	ppbv	0	43.1
Tert Amyl Methyl Ether	11.99	0.12	ppbv	15404	87.1
3-methylhexane	0.00	0.00	ppbv	0	71.1
1,2-Dichloropropane	0.00	0.00	ppbv	0	65.1
Ethyl acrylate	0.00	0.00	ppbv	0	73.1
Bromodichloromethane	0.00	0.00	ppbv	0	85
1,4-Dioxane	0.00	0.00	ppbv	0	58.1
Trichloroethene	0.00	0.00	ppbv	0	131.9
Isooctane	0.00	0.00	ppbv	0	56.1
Methyl Methacrylate	0.00	0.00	ppbv	0	69.1
Heptane	0.00	0.00	ppbv	0	71.1
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
4-Methy-2-Pentanone	0.00	0.00	ppbv	0	58.1
Methylcyclohexane	0.00	0.00	ppbv	0	55.1
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
1,1,2-Trichloroethane	0.00	0.00	ppbv	0	99
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0	71
Toluene	0.00	0.00	ppbv	0	92.1
2-Methylheptane	0.00	0.00	ppbv	0	43.1
2-Hexanone	0.00	0.00	ppbv	0	58.1
Dibromochloromethane	0.00	0.00	ppbv	0	126.9
3-Methylheptane	0.00	0.00	ppbv	0	57.1
1,2-Dibromoethane	0.00	0.00	ppbv	0	109

1,1-Dichloroethane	0.00	0.00
Methyl-t-Butyl-Ether	0.00	0.00
Vinyl Acetate	8.99	-1.00
2-Methylpentane	0.00	0.00
2-Butanone	9.29	0.10
3-Methylpentane	0.00	0.00
2-Chloroprene	0.00	0.00
1-Hexene	0.00	0.00
cis-1,2-Dichloroethene	0.00	0.00
Diisopropyl ether	0.00	0.00
Ethyl Acetate	0.00	0.00
n-Hexane	0.00	0.00
Chloroform	0.00	0.00
Tetrahydrofuran	0.00	0.00
Ethyl Tert-Butyl Ether	0.00	0.00
Methylcyclopentane	0.00	0.00
1,2-Dichloroethane	0.00	0.00
2,4-Dimethylpentane	0.00	0.00
1,1,1-Trichloroethane	0.00	0.00
Benzene	0.00	0.00
Carbon Tetrachloride	0.00	0.00
Cyclohexane	0.00	0.00
2-Methylhexane	0.00	0.00
2,3-Dimethylpentane	0.00	0.00
Tert Amyl Methyl Ether	0.00	0.00
3-methylhexane	0.00	0.00
1,2-Dichloropropane	0.00	0.00
Ethyl acrylate	0.00	0.00
Bromodichloromethane	0.00	0.00
1,4-Dioxane	0.00	0.00
Trichloroethene	0.00	0.00
Isooctane	0.00	0.00
Methyl Methacrylate	0.00	0.00
Heptane	0.00	0.00
cis-1,3-Dichloropropene	0.00	0.00
4-Methy-2-Pentanone	0.00	0.00
Methylcyclohexane	0.00	0.00
trans-1,3-Dichloropropene	0.00	0.00
1,1,2-Trichloroethane	0.00	0.00
2,3,4-Trimethylpentane	0.00	0.00
Toluene	0.00	0.00
2-Methylheptane	0.00	0.00
2-Hexanone	0.00	0.00
Dibromochloromethane	0.00	0.00
3-Methylheptane	0.00	0.00
1,2-Dibromoethane	0.00	0.00

ppbv	0	65.1
ppbv	0	57.1
ppbv	10714	86.1
ppbv	0	42.1
ppbv	16838	72.1
ppbv	0	56.1
ppbv	0	88.1
ppbv	0	41.1
ppbv	0	96
ppbv	0	87.1
ppbv	0	61.1
ppbv	0	43.1
ppbv	0	85
ppbv	0	72.1
ppbv	0	87.1
ppbv	0	84.1
ppbv	0	64.1
ppbv	0	57.1
ppbv	0	99
ppbv	0	77.1
ppbv	0	119
ppbv	0	69.1
ppbv	0	85
ppbv	0	43.1
ppbv	0	87.1
ppbv	0	71.1
ppbv	0	65.1
ppbv	0	73.1
ppbv	0	85
ppbv	0	58.1
ppbv	0	131.9
ppbv	0	56.1
ppbv	0	69.1
ppbv	0	71.1
ppbv	0	77.1
ppbv	0	58.1
ppbv	0	55.1
ppbv	0	77.1
ppbv	0	99
ppbv	0	71
ppbv	0	92.1
ppbv	0	43.1
ppbv	0	58.1
ppbv	0	126.9
ppbv	0	57.1
ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv	0	65.1
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0	57.1
Vinyl Acetate	8.99	-1.00	ppbv	36458	86.1
2-Methylpentane	0.00	0.00	ppbv	0	42.1
2-Butanone	9.28	0.13	ppbv	24654	72.1
3-Methylpentane	0.00	0.00	ppbv	0	56.1
2-Chloroprene	0.00	0.00	ppbv	0	88.1
1-Hexene	0.00	0.00	ppbv	0	41.1
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Diisopropyl ether	0.00	0.00	ppbv	0	87.1
Ethyl Acetate	0.00	0.00	ppbv	0	61.1
n-Hexane	0.00	0.00	ppbv	0	43.1
Chloroform	0.00	0.00	ppbv	0	85
Tetrahydrofuran	0.00	0.00	ppbv	0	72.1
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv	0	87.1
Methylcyclopentane	0.00	0.00	ppbv	0	84.1
1,2-Dichloroethane	0.00	0.00	ppbv	0	64.1
2,4-Dimethylpentane	0.00	0.00	ppbv	0	57.1
1,1,1-Trichloroethane	0.00	0.00	ppbv	0	99
Benzene	0.00	0.00	ppbv	0	77.1
Carbon Tetrachloride	0.00	0.00	ppbv	0	119
Cyclohexane	0.00	0.00	ppbv	0	69.1
2-Methylhexane	0.00	0.00	ppbv	0	85
2,3-Dimethylpentane	0.00	0.00	ppbv	0	43.1
Tert Amyl Methyl Ether	0.00	0.00	ppbv	0	87.1
3-methylhexane	0.00	0.00	ppbv	0	71.1
1,2-Dichloropropane	0.00	0.00	ppbv	0	65.1
Ethyl acrylate	0.00	0.00	ppbv	0	73.1
Bromodichloromethane	0.00	0.00	ppbv	0	85
1,4-Dioxane	0.00	0.00	ppbv	0	58.1
Trichloroethene	0.00	0.00	ppbv	0	131.9
Isooctane	0.00	0.00	ppbv	0	56.1
Methyl Methacrylate	0.00	0.00	ppbv	0	69.1
Heptane	0.00	0.00	ppbv	0	71.1
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
4-Methy-2-Pentanone	0.00	0.00	ppbv	0	58.1
Methylcyclohexane	0.00	0.00	ppbv	0	55.1
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
1,1,2-Trichloroethane	0.00	0.00	ppbv	0	99
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0	71
Toluene	0.00	0.00	ppbv	0	92.1
2-Methylheptane	0.00	0.00	ppbv	0	43.1
2-Hexanone	0.00	0.00	ppbv	0	58.1
Dibromochloromethane	0.00	0.00	ppbv	0	126.9
3-Methylheptane	0.00	0.00	ppbv	0	57.1
1,2-Dibromoethane	0.00	0.00	ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv
Methyl-t-Butyl-Ether	8.82	0.08	ppbv
Vinyl Acetate	9.00	0.14	ppbv
2-Methylpentane	0.00	0.00	ppbv
2-Butanone	9.33	0.17	ppbv
3-Methylpentane	0.00	0.00	ppbv
2-Chloroprene	0.00	0.00	ppbv
1-Hexene	0.00	0.00	ppbv
cis-1,2-Dichloroethene	0.00	0.00	ppbv
Diisopropyl ether	0.00	0.00	ppbv
Ethyl Acetate	0.00	0.00	ppbv
n-Hexane	0.00	0.00	ppbv
Chloroform	0.00	0.00	ppbv
Tetrahydrofuran	0.00	0.00	ppbv
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv
Methylcyclopentane	0.00	0.00	ppbv
1,2-Dichloroethane	0.00	0.00	ppbv
2,4-Dimethylpentane	0.00	0.00	ppbv
1,1,1-Trichloroethane	0.00	0.00	ppbv
Benzene	11.61	0.05	ppbv
Carbon Tetrachloride	0.00	0.00	ppbv
Cyclohexane	0.00	0.00	ppbv
2-Methylhexane	0.00	0.00	ppbv
2,3-Dimethylpentane	0.00	0.00	ppbv
Tert Amyl Methyl Ether	0.00	0.00	ppbv
3-methylhexane	0.00	0.00	ppbv
1,2-Dichloropropane	0.00	0.00	ppbv
Ethyl acrylate	0.00	0.00	ppbv
Bromodichloromethane	0.00	0.00	ppbv
1,4-Dioxane	0.00	0.00	ppbv
Trichloroethene	12.94	0.04	ppbv
Isooctane	0.00	0.00	ppbv
Methyl Methacrylate	0.00	0.00	ppbv
Heptane	0.00	0.00	ppbv
cis-1,3-Dichloropropene	0.00	0.00	ppbv
4-Methy-2-Pentanone	0.00	0.00	ppbv
Methylcyclohexane	0.00	0.00	ppbv
trans-1,3-Dichloropropene	0.00	0.00	ppbv
1,1,2-Trichloroethane	0.00	0.00	ppbv
2,3,4-Trimethylpentane	0.00	0.00	ppbv
Toluene	15.62	0.11	ppbv
2-Methylheptane	0.00	0.00	ppbv
2-Hexanone	0.00	0.00	ppbv
Dibromochloromethane	0.00	0.00	ppbv
3-Methylheptane	0.00	0.00	ppbv
1,2-Dibromoethane	0.00	0.00	ppbv

0	65.1	1,1-Dichloroethane
813	57.1	Methyl-t-Butyl-Ether
68126	86.1	Vinyl Acetate
0	42.1	2-Methylpentane
13055	72.1	2-Butanone
0	56.1	3-Methylpentane
0	88.1	2-Chloroprene
0	41.1	1-Hexene
0	96	cis-1,2-Dichloroethene
0	87.1	Diisopropyl ether
0	61.1	Ethyl Acetate
0	43.1	n-Hexane
0	85	Chloroform
0	72.1	Tetrahydrofuran
0	87.1	Ethyl Tert-Butyl Ether
0	84.1	Methylcyclopentane
0	64.1	1,2-Dichloroethane
0	57.1	2,4-Dimethylpentane
0	99	1,1,1-Trichloroethane
2116	77.1	Benzene
0	119	Carbon Tetrachloride
0	69.1	Cyclohexane
0	85	2-Methylhexane
0	43.1	2,3-Dimethylpentane
0	87.1	Tert Amyl Methyl Ether
0	71.1	3-methylhexane
0	65.1	1,2-Dichloropropane
0	73.1	Ethyl acrylate
0	85	Bromodichloromethane
0	58.1	1,4-Dioxane
912	131.9	Trichloroethene
0	56.1	Isooctane
0	69.1	Methyl Methacrylate
0	71.1	Heptane
0	77.1	cis-1,3-Dichloropropene
0	58.1	4-Methy-2-Pentanone
0	55.1	Methylcyclohexane
0	77.1	trans-1,3-Dichloropropene
0	99	1,1,2-Trichloroethane
0	71	2,3,4-Trimethylpentane
740	92.1	Toluene
0	43.1	2-Methylheptane
0	58.1	2-Hexanone
0	126.9	Dibromochloromethane
0	57.1	3-Methylheptane
0	109	1,2-Dibromoethane

0.00	0.00	ppbv	0
8.84	0.08	ppbv	487
8.84	-1.00	ppbv	2150
0.00	0.00	ppbv	0
9.33	0.15	ppbv	8328
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
11.60	0.05	ppbv	1576
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
12.00	0.01	ppbv	1252
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0

1,1-Dichloroethane	0.00	0.00	ppbv	0	65.1
Methyl-t-Butyl-Ether	0.00	0.00	ppbv	0	57.1
Vinyl Acetate	9.00	0.20	ppbv	80384	86.1
2-Methylpentane	0.00	0.00	ppbv	0	42.1
2-Butanone	9.29	0.47	ppbv	71556	72.1
3-Methylpentane	9.40	0.01	ppbv	1245	56.1
2-Chloroprene	0.00	0.00	ppbv	0	88.1
1-Hexene	0.00	0.00	ppbv	0	41.1
cis-1,2-Dichloroethene	0.00	0.00	ppbv	0	96
Diisopropyl ether	9.77	0.01	ppbv	1154	87.1
Ethyl Acetate	0.00	0.00	ppbv	0	61.1
n-Hexane	0.00	0.00	ppbv	0	43.1
Chloroform	0.00	0.00	ppbv	0	85
Tetrahydrofuran	0.00	0.00	ppbv	0	72.1
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv	0	87.1
Methylcyclopentane	0.00	0.00	ppbv	0	84.1
1,2-Dichloroethane	0.00	0.00	ppbv	0	64.1
2,4-Dimethylpentane	0.00	0.00	ppbv	0	57.1
1,1,1-Trichloroethane	0.00	0.00	ppbv	0	99
Benzene	11.60	0.05	ppbv	1794	77.1
Carbon Tetrachloride	11.77	-0.25	ppbv	801	119
Cyclohexane	0.00	0.00	ppbv	0	69.1
2-Methylhexane	0.00	0.00	ppbv	0	85
2,3-Dimethylpentane	0.00	0.00	ppbv	0	43.1
Tert Amyl Methyl Ether	0.00	0.00	ppbv	0	87.1
3-methylhexane	0.00	0.00	ppbv	0	71.1
1,2-Dichloropropane	0.00	0.00	ppbv	0	65.1
Ethyl acrylate	0.00	0.00	ppbv	0	73.1
Bromodichloromethane	0.00	0.00	ppbv	0	85
1,4-Dioxane	0.00	0.00	ppbv	0	58.1
Trichloroethene	12.93	0.04	ppbv	829	131.9
Isooctane	0.00	0.00	ppbv	0	56.1
Methyl Methacrylate	0.00	0.00	ppbv	0	69.1
Heptane	0.00	0.00	ppbv	0	71.1
cis-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
4-Methy-2-Pentanone	14.19	0.68	ppbv	137252	58.1
Methylcyclohexane	14.19	0.05	ppbv	6216	55.1
trans-1,3-Dichloropropene	0.00	0.00	ppbv	0	77.1
1,1,2-Trichloroethane	0.00	0.00	ppbv	0	99
2,3,4-Trimethylpentane	0.00	0.00	ppbv	0	71
Toluene	0.00	0.00	ppbv	0	92.1
2-Methylheptane	0.00	0.00	ppbv	0	43.1
2-Hexanone	0.00	0.00	ppbv	0	58.1
Dibromochloromethane	0.00	0.00	ppbv	0	126.9
3-Methylheptane	0.00	0.00	ppbv	0	57.1
1,2-Dibromoethane	0.00	0.00	ppbv	0	109

1,1-Dichloroethane	0.00	0.00	ppbv
Methyl-t-Butyl-Ether	0.00	0.00	ppbv
Vinyl Acetate	9.00	0.07	ppbv
2-Methylpentane	0.00	0.00	ppbv
2-Butanone	9.30	0.29	ppbv
3-Methylpentane	0.00	0.00	ppbv
2-Chloroprene	0.00	0.00	ppbv
1-Hexene	0.00	0.00	ppbv
cis-1,2-Dichloroethene	0.00	0.00	ppbv
Diisopropyl ether	0.00	0.00	ppbv
Ethyl Acetate	0.00	0.00	ppbv
n-Hexane	0.00	0.00	ppbv
Chloroform	0.00	0.00	ppbv
Tetrahydrofuran	0.00	0.00	ppbv
Ethyl Tert-Butyl Ether	0.00	0.00	ppbv
Methylcyclopentane	0.00	0.00	ppbv
1,2-Dichloroethane	0.00	0.00	ppbv
2,4-Dimethylpentane	0.00	0.00	ppbv
1,1,1-Trichloroethane	0.00	0.00	ppbv
Benzene	11.59	0.05	ppbv
Carbon Tetrachloride	0.00	0.00	ppbv
Cyclohexane	0.00	0.00	ppbv
2-Methylhexane	0.00	0.00	ppbv
2,3-Dimethylpentane	0.00	0.00	ppbv
Tert Amyl Methyl Ether	0.00	0.00	ppbv
3-methylhexane	0.00	0.00	ppbv
1,2-Dichloropropane	0.00	0.00	ppbv
Ethyl acrylate	0.00	0.00	ppbv
Bromodichloromethane	0.00	0.00	ppbv
1,4-Dioxane	0.00	0.00	ppbv
Trichloroethene	0.00	0.00	ppbv
Isooctane	0.00	0.00	ppbv
Methyl Methacrylate	0.00	0.00	ppbv
Heptane	0.00	0.00	ppbv
cis-1,3-Dichloropropene	0.00	0.00	ppbv
4-Methy-2-Pentanone	0.00	0.00	ppbv
Methylcyclohexane	0.00	0.00	ppbv
trans-1,3-Dichloropropene	0.00	0.00	ppbv
1,1,2-Trichloroethane	0.00	0.00	ppbv
2,3,4-Trimethylpentane	0.00	0.00	ppbv
Toluene	0.00	0.00	ppbv
2-Methylheptane	0.00	0.00	ppbv
2-Hexanone	0.00	0.00	ppbv
Dibromochloromethane	0.00	0.00	ppbv
3-Methylheptane	0.00	0.00	ppbv
1,2-Dibromoethane	0.00	0.00	ppbv

0	1,1-Dichloroethane	0.00
0	Methyl-t-Butyl-Ether	0.00
54486	Vinyl Acetate	8.99
0	2-Methylpentane	0.00
36132	2-Butanone	9.27
0	3-Methylpentane	0.00
0	2-Chloroprene	0.00
0	1-Hexene	0.00
0	cis-1,2-Dichloroethene	0.00
0	Diisopropyl ether	0.00
0	Ethyl Acetate	0.00
0	n-Hexane	0.00
0	Chloroform	9.84
0	Tetrahydrofuran	0.00
0	Ethyl Tert-Butyl Ether	0.00
0	Methylcyclopentane	0.00
0	1,2-Dichloroethane	0.00
0	2,4-Dimethylpentane	0.00
0	1,1,1-Trichloroethane	0.00
1763	Benzene	11.59
0	Carbon Tetrachloride	0.00
0	Cyclohexane	0.00
0	2-Methylhexane	0.00
0	2,3-Dimethylpentane	0.00
0	Tert Amyl Methyl Ether	0.00
0	3-methylhexane	0.00
0	1,2-Dichloropropane	0.00
0	Ethyl acrylate	0.00
0	Bromodichloromethane	0.00
0	1,4-Dioxane	0.00
0	Trichloroethene	12.91
0	Isooctane	12.99
0	Methyl Methacrylate	0.00
0	Heptane	0.00
0	cis-1,3-Dichloropropene	0.00
0	4-Methy-2-Pentanone	0.00
0	Methylcyclohexane	0.00
0	trans-1,3-Dichloropropene	0.00
0	1,1,2-Trichloroethane	0.00
0	2,3,4-Trimethylpentane	0.00
0	Toluene	0.00
0	2-Methylheptane	0.00
0	2-Hexanone	0.00
0	Dibromochloromethane	0.00
0	3-Methylheptane	0.00
0	1,2-Dibromoethane	0.00

0.00	ppbv	0
0.00	ppbv	0
0.11	ppbv	64280
0.00	ppbv	0
0.40	ppbv	58748
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
-0.24	ppbv	415
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.05	ppbv	1487
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.04	ppbv	936
0.04	ppbv	1967
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0

1,1-Dichloroethane	ppbv	0
Methyl-t-Butyl-Ether	ppbv	3638
Vinyl Acetate	ppbv	50151
2-Methylpentane	ppbv	0
2-Butanone	ppbv	9904
3-Methylpentane	ppbv	0
2-Chloroprene	ppbv	0
1-Hexene	ppbv	0
cis-1,2-Dichloroethene	ppbv	0
Diisopropyl ether	ppbv	0
Ethyl Acetate	ppbv	0
n-Hexane	ppbv	0
Chloroform	ppbv	0
Tetrahydrofuran	ppbv	0
Ethyl Tert-Butyl Ether	ppbv	0
Methylcyclopentane	ppbv	0
1,2-Dichloroethane	ppbv	0
2,4-Dimethylpentane	ppbv	0
1,1,1-Trichloroethane	ppbv	0
Benzene	ppbv	1419
Carbon Tetrachloride	ppbv	0
Cyclohexane	ppbv	0
2-Methylhexane	ppbv	0
2,3-Dimethylpentane	ppbv	0
Tert Amyl Methyl Ether	ppbv	0
3-methylhexane	ppbv	0
1,2-Dichloropropane	ppbv	0
Ethyl acrylate	ppbv	0
Bromodichloromethane	ppbv	0
1,4-Dioxane	ppbv	0
Trichloroethene	ppbv	0
Isooctane	ppbv	0
Methyl Methacrylate	ppbv	0
Heptane	ppbv	0
cis-1,3-Dichloropropene	ppbv	0
4-Methy-2-Pentanone	ppbv	0
Methylcyclohexane	ppbv	0
trans-1,3-Dichloropropene	ppbv	0
1,1,2-Trichloroethane	ppbv	0
2,3,4-Trimethylpentane	ppbv	0
Toluene	ppbv	0
2-Methylheptane	ppbv	0
2-Hexanone	ppbv	0
Dibromochloromethane	ppbv	0
3-Methylheptane	ppbv	0
1,2-Dibromoethane	ppbv	0

25] Acrylonitrile	7.723	53
26] n-Pentane	7.765	43
27] Isoprene	7.862	67
28] trans-2-pentene	7.894	55
29] cis-2-pentene	8.044	55
30] Tert-Butanol	8.023	59
31] 1,1-Dichloroethene	8.012	61
32] Methylene Chloride	8.109	84
33] 3-Chloro-1-Propene	8.195	41
34] 1,1,2-Trichloro-1,2,2-...	8.313	101
35] Carbon Disulfide	8.399	76
36] 2,2-Dimethylbutane	8.464	71
37] trans-1,2-Dichloroethene	8.885	61
38] Cyclopentane	9.129	70
39] 2,3-Dimethylbutane	9.129	71
40] 1,1-Dichloroethane	9.068	63
41] Methyl-t-Butyl-Ether	9.105	73
42] Vinyl Acetate	9.117	43
43] 2-Methylpentane	9.202	71
44] 2-Butanone	9.422	43
45] 3-Methylpentane	9.581	57
46] 2-Chloroprene	9.593	53
47] 1-Hexene	9.715	56
48] cis-1,2-Dichloroethene	9.837	61
49] Diisopropyl ether	9.995	45
50] Ethyl Acetate	10.02	88
51] n-Hexane	10.02	57
52] Chloroform	10.13	83
53] Tetrahydrofuran	10.546	42
54] Ethyl Tert-Butyl Ether	10.546	59
55] Methylcyclopentane	10.906	69
56] 1,2-Dichloroethane	10.889	62
57] 2,4-Dimethylpentane	10.923	43
58] 1,1,1-Trichloroethane	11.171	97
59] Benzene	11.699	78
60] Carbon Tetrachloride	11.882	117
61] Cyclohexane	12.028	41
63] 2-Methylhexane	12.175	43
64] 2,3-Dimethylpentane	12.285	56
65] Tert Amyl Methyl Ether	12.382	73
66] 3-methylhexane	12.492	43
67] 1,2-Dichloropropane	12.687	63
68] Ethyl acrylate	12.675	55
69] Bromodichloromethane	12.944	83
70] 1,4-Dioxane	13.054	88
71] Trichloroethene	13.005	130
72] Isooctane	13.029	57

59246		0.80	ppbv	87
215305		0.89	ppbv #	100
125413		0.90	ppbv	99
217924		0.88	ppbv	99
209590		0.87	ppbv	100
197263		0.80	ppbv	93
170974		0.85	ppbv	100
80343		0.71	ppbv	96
122776		0.79	ppbv	99
207363		0.93	ppbv	99
261973		0.77	ppbv #	24
147735		1.21	ppbv	96
137301		0.84	ppbv	97
52003		0.77	ppbv	100
47388		0.78	ppbv	81
194383		0.88	ppbv	97
193912		0.79	ppbv #	79
330779		0.84	ppbv	100
25580		0.29	ppbv #	1
86356		0.55	ppbv #	81
92273		0.70	ppbv #	80
136012		0.70	ppbv #	47
42769		0.67	ppbv	83
70494		0.70	ppbv	100
224719		0.70	ppbv	98
3796	m	0.68	ppbv	
148761		0.71	ppbv	83
141484		0.68	ppbv	100
66322		0.68	ppbv	92
155808		0.66	ppbv	100
31083		0.72	ppbv	97
160312		0.78	ppbv	100
155346		0.76	ppbv #	57
193497		0.81	ppbv	100
200297		0.73	ppbv	98
213263		0.71	ppbv	99
146646		0.74	ppbv #	92
149307		0.80	ppbv	94
91810		0.75	ppbv	88
107367		0.74	ppbv	88
121911		0.78	ppbv	98
49041		0.77	ppbv	97
57533		0.63	ppbv #	92
161098		0.81	ppbv	99
12823		0.60	ppbv #	1
44923		0.77	ppbv	93
519586		0.75	ppbv	94

25] Acrylonitrile	7.521	53	30844	
26] n-Pentane	7.552	43	85306	
27] Isoprene	7.655	67	74056	
28] trans-2-pentene	7.686	55	110877	
29] cis-2-pentene	7.833	55	105679	
30] Tert-Butanol	7.811	59	168815	
31] 1,1-Dichloroethene	7.811	61	131915	
32] Methylene Chloride	7.897	84	79152	
33] 3-Chloro-1-Propene	7.994	41	65600	
34] 1,1,2-Trichloro-1,2,2-...	8.112	101	193291	
35] Carbon Disulfide	8.209	76	220170	
36] 2,2-Dimethylbutane	8.274	71	90011	
37] trans-1,2-Dichloroethene	8.718	61	108326	
38] Cyclopentane	8.962	70	43864	
39] 2,3-Dimethylbutane	8.962	71	39033	
40] 1,1-Dichloroethane	8.901	63	145311	
41] Methyl-t-Butyl-Ether	8.925	73	219698	
42] Vinyl Acetate	8.95	43	178312	
43] 2-Methylpentane	9.035	71	51999	
44] 2-Butanone	9.279	43	69753	
45] 3-Methylpentane	9.426	57	94642	
46] 2-Chloroprene	9.438	53	113749	
47] 1-Hexene	9.56	56	49423	
48] cis-1,2-Dichloroethene	9.694	61	89899	
49] Diisopropyl ether	9.853	45	173494	
50] Ethyl Acetate	9.902	88	8406	
51] n-Hexane	9.877	57	183318	
52] Chloroform	9.987	83	236101	
53] Tetrahydrofuran	10.427	42	58439	
54] Ethyl Tert-Butyl Ether	10.418	59	180745	
55] Methylcyclopentane	10.786	69	55986	
56] 1,2-Dichloroethane	10.786	62	151689	
57] 2,4-Dimethylpentane	10.812	43	115864	
58] 1,1,1-Trichloroethane	11.06	97	301062	
59] Benzene	11.589	78	398597	
60] Carbon Tetrachloride	11.772	117	352536	
61] Cyclohexane	11.919	41	120826	
63] 2-Methylhexane	12.077	43	106682	
64] 2,3-Dimethylpentane	12.199	56	113764	
65] Tert Amyl Methyl Ether	12.285	73	189610	
66] 3-methylhexane	12.407	43	85324	
67] 1,2-Dichloropropane	12.602	63	59956	
68) Ethyl acrylate	12.712	55	15246	m
69] Bromodichloromethane	12.858	83	239023	
70] 1,4-Dioxane	12.944	88	25775	
71] Trichloroethene	12.919	130	146070	
72] Isooctane	12.944	57	618864	

0.86 ppbv	93
0.86 ppbv	99
0.84 ppbv	94
0.87 ppbv	99
0.86 ppbv	99
0.86 ppbv	95
0.96 ppbv	99
1.18 ppbv	96
0.87 ppbv	99
1.03 ppbv	99
1.12 ppbv	100
0.87 ppbv	99
0.96 ppbv	99
0.96 ppbv	100
0.92 ppbv	98
1.02 ppbv	96
0.90 ppbv	91
0.95 ppbv	99
0.88 ppbv	97
0.79 ppbv	98
0.85 ppbv	91
0.89 ppbv	98
0.77 ppbv	94
0.87 ppbv	99
0.82 ppbv	98
0.78 ppbv #	49
0.88 ppbv	94
0.96 ppbv	99
0.79 ppbv	95
0.79 ppbv	100
0.79 ppbv	99
0.92 ppbv	100
0.81 ppbv	98
0.97 ppbv	95
0.81 ppbv	99
0.88 ppbv	100
0.84 ppbv #	89
0.81 ppbv #	95
0.91 ppbv	91
0.80 ppbv #	93
0.78 ppbv	99
0.79 ppbv	100
0.41 ppbv	
0.89 ppbv	99
0.60 ppbv #	1
0.78 ppbv	97
0.85 ppbv	96

25] Acrylonitrile	7.511	53	130245
26] n-Pentane	7.552	43	439526
27] Isoprene	7.655	67	370400
28] trans-2-pentene	7.675	55	535563
29] cis-2-pentene	7.832	55	512398
30] Tert-Butanol	7.811	59	747062
31] 1,1-Dichloroethene	7.8	61	510070
32] Methylene Chloride	7.897	84	352368
33] 3-Chloro-1-Propene	7.994	41	336013
34] 1,1,2-Trichloro-1,2,2-...	8.112	101	732621
35] Carbon Disulfide	8.198	76	960921
36] 2,2-Dimethylbutane	8.263	71	439593
37] trans-1,2-Dichloroethene	8.705	61	480771
38] Cyclopentane	8.949	70	204569
39] 2,3-Dimethylbutane	8.949	71	183119
40] 1,1-Dichloroethane	8.888	63	620260
41] Methyl-t-Butyl-Ether	8.925	73	1049768
42] Vinyl Acetate	8.937	43	785564
43] 2-Methylpentane	9.022	71	267552
44] 2-Butanone	9.267	43	313763
45] 3-Methylpentane	9.413	57	526776
46] 2-Chloroprene	9.425	53	475295
47] 1-Hexene	9.559	56	281415
48] cis-1,2-Dichloroethene	9.681	61	420334
49] Diisopropyl ether	9.84	45	996199
50] Ethyl Acetate	9.889	88	45879
51] n-Hexane	9.877	57	986330
52] Chloroform	9.974	83	878271
53] Tetrahydrofuran	10.418	42	303323
54] Ethyl Tert-Butyl Ether	10.409	59	997017
55] Methylcyclopentane	10.777	69	308335
56] 1,2-Dichloroethane	10.777	62	478800
57] 2,4-Dimethylpentane	10.811	43	633756
58] 1,1,1-Trichloroethane	11.051	97	1021266
59] Benzene	11.576	78	2162707
60] Carbon Tetrachloride	11.76	117	1106597
61] Cyclohexane	11.918	41	554469
63] 2-Methylhexane	12.077	43	630789
64] 2,3-Dimethylpentane	12.187	56	596584
65] Tert Amyl Methyl Ether	12.284	73	1056322
66] 3-methylhexane	12.406	43	492992
67] 1,2-Dichloropropane	12.589	63	338015
68) Ethyl acrylate	12.724	55	95985
69] Bromodichloromethane	12.846	83	891386
70] 1,4-Dioxane	12.943	88	142595
71] Trichloroethene	12.907	130	690045
72] Isooctane	12.931	57	3543931

0.42 ppbv 99
0.43 ppbv 97
0.55 ppbv 96
0.50 ppbv 95
0.64 ppbv 93
1.23 ppbv # 48
0.54 ppbv # 84
0.85 ppbv 92
0.54 ppbv 98
0.61 ppbv 96
0.62 ppbv # 33
0.67 ppbv 94
0.63 ppbv # 76
0.71 ppbv 100
0.68 ppbv # 28
0.56 ppbv 99
0.71 ppbv # 47
0.65 ppbv 97
0.74 ppbv # 65
0.46 ppbv # 83
0.61 ppbv 99
0.49 ppbv 86
0.60 ppbv # 93
0.55 ppbv # 76
0.51 ppbv # 85
0.73 ppbv # 33
0.63 ppbv 89
0.45 ppbv 100
0.53 ppbv 89
0.64 ppbv # 85
0.69 ppbv # 85
0.40 ppbv 99
0.52 ppbv 94
0.56 ppbv 99
0.72 ppbv 97
0.44 ppbv 100
0.47 ppbv 97
0.47 ppbv # 71
0.56 ppbv # 86
0.69 ppbv # 77
0.46 ppbv # 88
0.53 ppbv 97
No Calib
0.47 ppbv 100
0.76 ppbv # 1
0.86 ppbv # 87
0.62 ppbv 96

25] Acrylonitrile	7.511	53	184445
26] n-Pentane	7.542	43	649640
27] Isoprene	7.644	67	545908
28] trans-2-pentene	7.675	55	756608
29] cis-2-pentene	7.822	55	714997
30] Tert-Butanol	7.8	59	909508
31] 1,1-Dichloroethene	7.8	61	654921
32] Methylene Chloride	7.886	84	447233
33] 3-Chloro-1-Propene	7.994	41	495246
34] 1,1,2-Trichloro-1,2,2-...	8.112	101	896928
35] Carbon Disulfide	8.198	76	1229441
36] 2,2-Dimethylbutane	8.263	71	649053
37] trans-1,2-Dichloroethene	8.705	61	648345
38] Cyclopentane	8.949	70	296571
39] 2,3-Dimethylbutane	8.949	71	264850
40] 1,1-Dichloroethane	8.888	63	813951
41] Methyl-t-Butyl-Ether	8.925	73	1546130
42] Vinyl Acetate	8.937	43	1124573
43] 2-Methylpentane	9.035	71	399589
44] 2-Butanone	9.279	43	332736
45] 3-Methylpentane	9.413	57	810454
46] 2-Chloroprene	9.425	53	648307
47] 1-Hexene	9.559	56	432898
48] cis-1,2-Dichloroethene	9.681	61	551364
49] Diisopropyl ether	9.84	45	1547265
50] Ethyl Acetate	9.852	88	27246
51] n-Hexane	9.877	57	1440068
52] Chloroform	9.974	83	1128548
53] Tetrahydrofuran	10.426	42	428705
54] Ethyl Tert-Butyl Ether	10.409	59	1557936
55] Methylcyclopentane	10.777	69	466577
56] 1,2-Dichloroethane	10.777	62	545374
57] 2,4-Dimethylpentane	10.812	43	924631
58] 1,1,1-Trichloroethane	11.051	97	1279805
59] Benzene	11.577	78	3119259
60] Carbon Tetrachloride	11.76	117	1311441
61] Cyclohexane	11.918	41	793334
63] 2-Methylhexane	12.077	43	929289
64] 2,3-Dimethylpentane	12.187	56	885787
65] Tert Amyl Methyl Ether	12.284	73	1675270
66] 3-methylhexane	12.406	43	760582
67] 1,2-Dichloropropane	12.589	63	488381
68) Ethyl acrylate	12.748	55	121704
69] Bromodichloromethane	12.846	83	1148418
70] 1,4-Dioxane	12.943	88	205816
71] Trichloroethene	12.907	130	917174
72] Isooctane	12.931	57	5354072

0.45 ppbv 96
0.49 ppbv 96
0.62 ppbv 100
0.54 ppbv 97
0.68 ppbv 95
1.15 ppbv # 46
0.53 ppbv # 85
0.82 ppbv 89
0.60 ppbv 97
0.57 ppbv 95
0.60 ppbv # 33
0.75 ppbv 93
0.65 ppbv # 70
0.78 ppbv 100
0.75 ppbv # 27
0.57 ppbv 99
0.79 ppbv # 44
0.73 ppbv 97
0.84 ppbv # 67
0.39 ppbv # 67
0.71 ppbv 95
0.51 ppbv # 80
0.70 ppbv # 96
0.55 ppbv # 69
0.60 ppbv # 88
0.37 ppbv # 1
0.70 ppbv # 81
0.43 ppbv 100
0.56 ppbv 87
0.75 ppbv # 85
0.79 ppbv # 84
0.35 ppbv 100
0.57 ppbv 91
0.53 ppbv 100
0.79 ppbv 97
0.37 ppbv 99
0.51 ppbv # 88
0.49 ppbv # 72
0.59 ppbv # 86
0.76 ppbv # 71
0.50 ppbv # 88
0.54 ppbv 100
No Calib
0.42 ppbv 99
0.78 ppbv # 1
0.81 ppbv # 88
0.66 ppbv 97

25] Acrylonitrile	7.521	53	42365
26] n-Pentane	7.562	43	138935
27] Isoprene	7.665	67	94980
28] trans-2-pentene	7.686	55	163103
29] cis-2-pentene	7.843	55	151933
30] Tert-Butanol	7.822	59	225799
31] 1,1-Dichloroethene	7.811	61	190057
32] Methylene Chloride	7.908	84	96974
33] 3-Chloro-1-Propene	8.005	41	121178
34] 1,1,2-Trichloro-1,2,2-...	8.123	101	211949
35] Carbon Disulfide	8.209	76	276193
36] 2,2-Dimethylbutane	8.274	71	115889
37] trans-1,2-Dichloroethene	8.705	61	163994
38] Cyclopentane	8.962	70	54701
39] 2,3-Dimethylbutane	8.949	71	52476
40] 1,1-Dichloroethane	8.888	63	227395
41] Methyl-t-Butyl-Ether	8.925	73	285887
42] Vinyl Acetate	8.949	43	307052
43] 2-Methylpentane	9.035	71	67261
44] 2-Butanone	9.267	43	114274
45] 3-Methylpentane	9.425	57	150697
46] 2-Chloroprene	9.438	53	174599
47] 1-Hexene	9.56	56	79561
48] cis-1,2-Dichloroethene	9.682	61	141415
49] Diisopropyl ether	9.852	45	346469
50] Ethyl Acetate	9.901	88	9244
51] n-Hexane	9.877	57	300858
52] Chloroform	9.987	83	307234
53] Tetrahydrofuran	10.426	42	107345
54] Ethyl Tert-Butyl Ether	10.418	59	291235
55] Methylcyclopentane	10.786	69	82448
56] 1,2-Dichloroethane	10.777	62	222987
57] 2,4-Dimethylpentane	10.812	43	237957
58] 1,1,1-Trichloroethane	11.06	97	362797
59] Benzene	11.577	78	544799
60] Carbon Tetrachloride	11.76	117	382007
61] Cyclohexane	11.918	41	225211
63] 2-Methylhexane	12.077	43	225442
64] 2,3-Dimethylpentane	12.187	56	193277
65] Tert Amyl Methyl Ether	12.284	73	278557
66] 3-methylhexane	12.406	43	177634
67] 1,2-Dichloropropane	12.59	63	105141
68) Ethyl acrylate	12.736	55	27583
69] Bromodichloromethane	12.846	83	320433
70] 1,4-Dioxane	12.943	88	32152
71] Trichloroethene	12.907	130	133596
72] Isooctane	12.931	57	1088626

0.63 ppbv 99
0.63 ppbv # 90
0.64 ppbv # 66
0.70 ppbv # 84
0.87 ppbv # 86
1.70 ppbv # 60
0.90 ppbv # 59
1.08 ppbv # 59
0.86 ppbv # 80
0.82 ppbv # 76
0.86 ppbv # 46
0.80 ppbv # 89
0.97 ppbv 91
0.86 ppbv 100
0.90 ppbv 75
0.96 ppbv 98
0.87 ppbv # 71
1.29 ppbv # 92
0.85 ppbv # 90
0.69 ppbv # 90
0.80 ppbv # 79
0.77 ppbv # 81
0.77 ppbv # 67
0.82 ppbv 90
0.80 ppbv 97
0.67 ppbv # 1
0.87 ppbv # 78
0.86 ppbv 100
0.81 ppbv 87
0.83 ppbv 99
0.84 ppbv 96
0.84 ppbv 99
0.88 ppbv 87
0.92 ppbv 100
0.83 ppbv 96
0.84 ppbv 99
0.84 ppbv # 68
0.81 ppbv 99
0.88 ppbv # 89
0.86 ppbv # 85
0.79 ppbv 92
0.80 ppbv 98
No Calib
0.83 ppbv 98
0.83 ppbv # 67
0.81 ppbv 94
0.91 ppbv 98

25] Acrylonitrile	7.542	53	40980
26] n-Pentane	7.583	43	132539
27] Isoprene	7.685	67	93583
28] trans-2-pentene	7.706	55	158499
29] cis-2-pentene	7.854	55	150277
30] Tert-Butanol	7.843	59	205471
31] 1,1-Dichloroethene	7.832	61	179581
32] Methylene Chloride	7.919	84	95277
33] 3-Chloro-1-Propene	8.026	41	113417
34] 1,1,2-Trichloro-1,2,2-...	8.134	101	202148
35] Carbon Disulfide	8.22	76	268185
36] 2,2-Dimethylbutane	8.295	71	113209
37] trans-1,2-Dichloroethene	8.73	61	158111
38] Cyclopentane	8.974	70	53666
39] 2,3-Dimethylbutane	8.974	71	48828
40] 1,1-Dichloroethane	8.913	63	214173
41] Methyl-t-Butyl-Ether	8.949	73	274728
42] Vinyl Acetate	8.974	43	276147
43] 2-Methylpentane	9.059	71	67540
44] 2-Butanone	9.291	43	107747
45] 3-Methylpentane	9.437	57	143998
46] 2-Chloroprene	9.45	53	164357
47] 1-Hexene	9.584	56	76377
48] cis-1,2-Dichloroethene	9.706	61	135211
49] Diisopropyl ether	9.865	45	321456
50] Ethyl Acetate	9.913	88	10058
51] n-Hexane	9.901	57	292900
52] Chloroform	9.999	83	291513
53] Tetrahydrofuran	10.443	42	101320
54] Ethyl Tert-Butyl Ether	10.435	59	274519
55] Methylcyclopentane	10.803	69	80844
56] 1,2-Dichloroethane	10.803	62	205604
57] 2,4-Dimethylpentane	10.829	43	225472
58] 1,1,1-Trichloroethane	11.077	97	344569
59] Benzene	11.601	78	523894
60] Carbon Tetrachloride	11.784	117	371895
61] Cyclohexane	11.93	41	211140
63] 2-Methylhexane	12.101	43	214948
64] 2,3-Dimethylpentane	12.211	56	187344
65] Tert Amyl Methyl Ether	12.309	73	262410
66] 3-methylhexane	12.419	43	167955
67] 1,2-Dichloropropane	12.614	63	100955
68) Ethyl acrylate	12.772	55	23506
69] Bromodichloromethane	12.87	83	303522
70] 1,4-Dioxane	12.968	88	32412
71] Trichloroethene	12.931	130	131516
72] Isooctane	12.955	57	1059537

0.64 ppbv 99
0.63 ppbv # 90
0.67 ppbv # 69
0.72 ppbv # 83
0.90 ppbv # 84
1.63 ppbv # 62
0.90 ppbv # 61
1.12 ppbv # 64
0.85 ppbv # 82
0.82 ppbv # 78
0.89 ppbv # 45
0.83 ppbv # 91
0.99 ppbv 93
0.89 ppbv 100
0.88 ppbv 69
0.95 ppbv 98
0.88 ppbv # 69
1.22 ppbv # 92
0.90 ppbv # 97
0.68 ppbv 91
0.80 ppbv # 80
0.77 ppbv # 82
0.78 ppbv # 68
0.83 ppbv 92
0.78 ppbv 98
0.76 ppbv # 2
0.89 ppbv # 79
0.86 ppbv 99
0.81 ppbv 88
0.82 ppbv 100
0.87 ppbv 97
0.82 ppbv 99
0.88 ppbv 88
0.92 ppbv 100
0.84 ppbv 95
0.86 ppbv 100
0.83 ppbv # 73
0.81 ppbv 100
0.90 ppbv # 87
0.85 ppbv # 87
0.79 ppbv 94
0.81 ppbv 99
No Calib
0.83 ppbv 99
0.88 ppbv # 57
0.83 ppbv 94
0.93 ppbv 97

25] Acrylonitrile	7.515	53	37464	
26] n-Pentane	7.556	43	117640	
27] Isoprene	7.659	67	80304	
28] trans-2-pentene	7.68	55	136777	
29] cis-2-pentene	7.826	55	131196	
30] Tert-Butanol	7.815	59	179534	
31] 1,1-Dichloroethene	7.805	61	159139	
32] Methylene Chloride	7.901	84	87636	
33] 3-Chloro-1-Propene	7.998	41	98472	
34] 1,1,2-Trichloro-1,2,2-...	8.106	101	188615	
35] Carbon Disulfide	8.192	76	252884	
36] 2,2-Dimethylbutane	8.267	71	98920	
37] trans-1,2-Dichloroethene	8.697	61	138920	
38] Cyclopentane	8.954	70	51894	
39] 2,3-Dimethylbutane	8.954	71	45313	
40] 1,1-Dichloroethane	8.88	63	197860	
41] Methyl-t-Butyl-Ether	8.917	73	237319	
42] Vinyl Acetate	8.941	43	250713	m
43] 2-Methylpentane	9.027	71	57513	
44] 2-Butanone	9.259	43	102632	
45] 3-Methylpentane	9.417	57	126753	
46] 2-Chloroprene	9.43	53	139590	
47] 1-Hexene	9.552	56	68306	
48] cis-1,2-Dichloroethene	9.686	61	120687	
49] Diisopropyl ether	9.845	45	279095	
50] Ethyl Acetate	9.881	88	9179	
51] n-Hexane	9.869	57	264316	
52] Chloroform	9.979	83	270928	
53] Tetrahydrofuran	10.414	42	91573	
54] Ethyl Tert-Butyl Ether	10.414	59	238645	
55] Methylcyclopentane	10.782	69	71664	
56] 1,2-Dichloroethane	10.773	62	183591	
57] 2,4-Dimethylpentane	10.807	43	199434	
58] 1,1,1-Trichloroethane	11.056	97	315871	
59] Benzene	11.581	78	490586	
60] Carbon Tetrachloride	11.764	117	340037	
61] Cyclohexane	11.91	41	186040	
63] 2-Methylhexane	12.081	43	190468	
64] 2,3-Dimethylpentane	12.191	56	166130	
65] Tert Amyl Methyl Ether	12.289	73	234221	
66] 3-methylhexane	12.399	43	145732	
67] 1,2-Dichloropropane	12.594	63	93351	
68) Ethyl acrylate	12.691	55	25781	m
69] Bromodichloromethane	12.85	83	279445	
70] 1,4-Dioxane	12.935	88	30369	
71] Trichloroethene	12.911	130	126360	
72] Isooctane	12.935	57	958467	

1.27 ppbv 97
1.46 ppbv # 92
1.11 ppbv # 80
1.31 ppbv 91
1.31 ppbv 91
1.09 ppbv # 78
1.42 ppbv # 86
1.62 ppbv # 81
1.58 ppbv # 86
1.24 ppbv 84
1.58 ppbv 98
1.16 ppbv # 80
1.49 ppbv # 80
1.39 ppbv 100
1.31 ppbv # 61
1.71 ppbv 98
1.17 ppbv # 65
1.60 ppbv
1.19 ppbv # 41
1.33 ppbv # 84
1.39 ppbv 89
1.32 ppbv 88
1.29 ppbv # 84
1.41 ppbv # 79
1.61 ppbv # 84
1.02 ppbv # 1
1.55 ppbv 88
1.43 ppbv 100
1.48 ppbv # 80
1.24 ppbv # 85
1.22 ppbv 92
1.36 ppbv 99
1.69 ppbv 87
1.26 ppbv 96
1.21 ppbv # 96
1.09 ppbv 100
1.57 ppbv # 92
1.56 ppbv # 73
1.46 ppbv # 89
1.08 ppbv # 87
1.45 ppbv # 86
1.34 ppbv 100
0.53 ppbv
1.15 ppbv 99
0.75 ppbv # 1
0.74 ppbv # 82
1.42 ppbv 96

25) Acrylonitrile	0		0
26) n-Pentane	0		0
27) Isoprene	0		0
28) trans-2-pentene	0		0
29) cis-2-pentene	0		0
30) Tert-Butanol	0		0
31) 1,1-Dichloroethene	0		0
32] Methylene Chloride	7.908	84	6192
33) 3-Chloro-1-Propene	0		0
34) 1,1,2-Trichloro-1,2,2-...	0		0
35] Carbon Disulfide	8.198	76	5769
36) 2,2-Dimethylbutane	0		0
37) trans-1,2-Dichloroethene	0		0
38) Cyclopentane	0		0
39) 2,3-Dimethylbutane	0		0
40) 1,1-Dichloroethane	0		0
41) Methyl-t-Butyl-Ether	0		0
42) Vinyl Acetate	0		0
43) 2-Methylpentane	0		0
44) 2-Butanone	0		0
45) 3-Methylpentane	0		0
46) 2-Chloroprene	0		0
47) 1-Hexene	0		0
48) cis-1,2-Dichloroethene	0		0
49) Diisopropyl ether	0		0
50) Ethyl Acetate	0		0
51) n-Hexane	0		0
52) Chloroform	0		0
53) Tetrahydrofuran	0		0
54) Ethyl Tert-Butyl Ether	0		0
55) Methylcyclopentane	0		0
56) 1,2-Dichloroethane	0		0
57) 2,4-Dimethylpentane	0		0
58) 1,1,1-Trichloroethane	0		0
59) Benzene	0		0
60) Carbon Tetrachloride	0		0
61) Cyclohexane	0		0
63) 2-Methylhexane	0		0
64) 2,3-Dimethylpentane	0		0
65) Tert Amyl Methyl Ether	0		0
66) 3-methylhexane	0		0
67) 1,2-Dichloropropane	0		0
68) Ethyl acrylate	0		0
69) Bromodichloromethane	0		0
70) 1,4-Dioxane	0		0
71) Trichloroethene	0		0
72) Isooctane	0		0

N.D.
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0.10 ppbv # 68
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0.02 ppbv # 54
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N.D.

25) Acrylonitrile	0		0	
26) n-Pentane	0		0	
27) Isoprene	0		0	
28) trans-2-pentene	0		0	
29) cis-2-pentene	0		0	
30] Tert-Butanol	8.034	59	1279	m
31) 1,1-Dichloroethene	0		0	
32] Methylene Chloride	8.109	84	537	m
33) 3-Chloro-1-Propene	0		0	
34) 1,1,2-Trichloro-1,2,2-...	0		0	
35] Carbon Disulfide	8.41	76	2660	m
36) 2,2-Dimethylbutane	0		0	
37) trans-1,2-Dichloroethene	0		0	
38) Cyclopentane	0		0	
39) 2,3-Dimethylbutane	0		0	
40) 1,1-Dichloroethane	0		0	
41) Methyl-t-Butyl-Ether	0		0	
42) Vinyl Acetate	0		0	
43) 2-Methylpentane	0		0	
44) 2-Butanone	0		0	
45) 3-Methylpentane	0		0	
46) 2-Chloroprene	0		0	
47) 1-Hexene	0		0	
48) cis-1,2-Dichloroethene	0		0	
49) Diisopropyl ether	0		0	
50) Ethyl Acetate	0		0	
51) n-Hexane	0		0	
52) Chloroform	0		0	
53) Tetrahydrofuran	0		0	
54) Ethyl Tert-Butyl Ether	0		0	
55) Methylcyclopentane	0		0	
56) 1,2-Dichloroethane	0		0	
57) 2,4-Dimethylpentane	0		0	
58) 1,1,1-Trichloroethane	0		0	
59) Benzene	0		0	
60) Carbon Tetrachloride	0		0	
61) Cyclohexane	0		0	
63) 2-Methylhexane	0		0	
64) 2,3-Dimethylpentane	0		0	
65) Tert Amyl Methyl Ether	0		0	
66) 3-methylhexane	0		0	
67) 1,2-Dichloropropane	0		0	
68) Ethyl acrylate	0		0	
69) Bromodichloromethane	0		0	
70) 1,4-Dioxane	0		0	
71) Trichloroethene	0		0	
72) Isooctane	0		0	

N.D.
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25) Acrylonitrile	0		0	
26] n-Pentane	7.542	43	1302	
27) Isoprene	0		0	
28) trans-2-pentene	0		0	
29) cis-2-pentene	0		0	
30] Tert-Butanol	7.822	59	26358	m
31) 1,1-Dichloroethene	0		0	
32] Methylene Chloride	7.886	84	41741	
33) 3-Chloro-1-Propene	0		0	
34] 1,1,2-Trichloro-1,2,2-...	8.091	101	344	m
35] Carbon Disulfide	8.198	76	16842	
36) 2,2-Dimethylbutane	0		0	
37) trans-1,2-Dichloroethene	0		0	
38) Cyclopentane	0		0	
39) 2,3-Dimethylbutane	0		0	
40) 1,1-Dichloroethane	0		0	
41] Methyl-t-Butyl-Ether	8.815	73	3337	
42] Vinyl Acetate	8.998	43	101818	
43) 2-Methylpentane	0		0	
44] 2-Butanone	9.303	43	80105	
45] 3-Methylpentane	9.401	57	4559	m
46) 2-Chloroprene	0		0	
47) 1-Hexene	0		0	
48) cis-1,2-Dichloroethene	0		0	
49) Diisopropyl ether	0		0	
50) Ethyl Acetate	0		0	
51) n-Hexane	0		0	
52) Chloroform	0		0	
53) Tetrahydrofuran	0		0	
54) Ethyl Tert-Butyl Ether	0		0	
55) Methylcyclopentane	0		0	
56) 1,2-Dichloroethane	0		0	
57) 2,4-Dimethylpentane	0		0	
58) 1,1,1-Trichloroethane	0		0	
59] Benzene	11.589	78	6298	
60) Carbon Tetrachloride	0		0	
61) Cyclohexane	0		0	
63) 2-Methylhexane	0		0	
64) 2,3-Dimethylpentane	0		0	
65) Tert Amyl Methyl Ether	0		0	
66) 3-methylhexane	0		0	
67) 1,2-Dichloropropane	0		0	
68) Ethyl acrylate	0		0	
69) Bromodichloromethane	0		0	
70) 1,4-Dioxane	0		0	
71] Trichloroethene	12.919	130	2703	
72) Isooctane	0		0	

N.D.
Below Cal # 60
N.D.
N.D. d
N.D. d
0.04 ppbv
N.D. d
0.09 ppbv 91
N.D. d
Below Cal
Below Cal # 15
N.D.
N.D. d
N.D. d
N.D. d
N.D.
0.08 ppbv # 30
Below Cal # 48
N.D. d
0.20 ppbv 93
0.01 ppbv
N.D. d
N.D.
N.D.
N.D.
N.D.
N.D. d
N.D.
N.D. d
N.D.
N.D.
N.D.
N.D. d
N.D.
0.05 ppbv # 84
N.D.
N.D. d
N.D. d
N.D. d
N.D. d
N.D. d
N.D.
N.D.
N.D.
N.D.
0.04 ppbv 90
N.D.

Octane	0.00	0.00	ppbv	0	85.1
Tetrachloroethene	0.00	0.00	ppbv	0	163.9
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0	133
Chlorobenzene	0.00	0.00	ppbv	0	114
Ethylbenzene	0.00	0.00	ppbv	0	106.1
m-Xylene	0.00	0.00	ppbv	0	106.1
p-Xylene	0.00	0.00	ppbv	0	106.1
Bromoform	0.00	0.00	ppbv	0	174.9
Styrene	0.00	0.00	ppbv	0	78.1
Butyl Acrylate	0.00	0.00	ppbv	0	56.1
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv	0	85
o-Xylene	0.00	0.00	ppbv	0	106.1
Nonane	0.00	0.00	ppbv	0	85.1
Bromofluorobenzene	21.19	-20.59	ppbv	225920	174
Cumene	0.00	0.00	ppbv	0	120.1
Chlorotoluenes	0.00	0.00	ppbv	0	126.1
n-Propylbenzene	0.00	0.00	ppbv	0	120.1
m-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2,4-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
Tert-Butyl Benzene	23.94	-1.00	ppbv	473	91.1
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0	120.1
o-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3-Dichlorobenzene	0.00	0.00	ppbv	0	148
1,4-Dichlorobenzene	0.00	0.00	ppbv	0	148
n-Decane	24.37	0.02	ppbv	679	71.1
Sec-Butyl Benzene	24.57	-1.00	ppbv	630	134.2
1,2,3-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2-Dichlorobenzene	0.00	0.00	ppbv	0	148
o-Cymene	25.30	0.04	ppbv	673	134.1
1,3-Diethylbenzene	0.00	0.00	ppbv	0	105.1
1,2-Diethylbenzene	0.00	0.00	ppbv	0	105.1
n-Butyl Benzene	25.75	0.07	ppbv	1266	92.1
Undecane	26.70	0.04	ppbv	2514	71.1
1,2,4-Trichlorobenzene	28.00	0.10	ppbv	2645	182
Naphthalene	28.18	0.25	ppbv	3672	0
Dodecane	28.27	0.05	ppbv	3001	71
Hexachlorobutadiene	28.62	-1.00	ppbv	10449	226.9

Octane	17.15	0.02	ppbv
Tetrachloroethene	17.35	0.03	ppbv
1,1,1,2-Tetrachloroethane	18.43	-1.00	ppbv
Chlorobenzene	18.47	-0.19	ppbv
Ethylbenzene	19.18	0.13	ppbv
m-Xylene	19.48	0.02	ppbv
p-Xylene	19.52	0.13	ppbv
Bromoform	19.56	0.01	ppbv
Styrene	0.00	0.00	ppbv
Butyl Acrylate	0.00	0.00	ppbv
1,1,2,2-Tetrachloroethane	20.34	-1.00	ppbv
o-Xylene	20.35	0.09	ppbv
Nonane	20.82	0.02	ppbv
Bromofluorobenzene	21.19	-27.40	ppbv
Cumene	21.49	0.05	ppbv
Chlorotoluenes	22.60	0.17	ppbv
n-Propylbenzene	22.60	0.10	ppbv
m-Ethyltoluene	0.00	0.00	ppbv
1,3,5-Trimethylbenzene	0.00	0.00	ppbv
1,2,4-Trimethylbenzene	0.00	0.00	ppbv
Tert-Butyl Benzene	23.94	-1.00	ppbv
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv
o-Ethyltoluene	23.48	0.02	ppbv
1,3-Dichlorobenzene	0.00	0.00	ppbv
1,4-Dichlorobenzene	0.00	0.00	ppbv
n-Decane	24.38	0.02	ppbv
Sec-Butyl Benzene	24.58	-1.00	ppbv
1,2,3-Trimethylbenzene	24.93	0.02	ppbv
1,2-Dichlorobenzene	0.00	0.00	ppbv
o-Cymene	25.30	0.04	ppbv
1,3-Diethylbenzene	0.00	0.00	ppbv
1,2-Diethylbenzene	0.00	0.00	ppbv
n-Butyl Benzene	0.00	0.00	ppbv
Undecane	26.71	0.03	ppbv
1,2,4-Trichlorobenzene	28.03	0.09	ppbv
Naphthalene	28.25	0.25	ppbv
Dodecane	28.35	0.04	ppbv
Hexachlorobutadiene	0.00	0.00	ppbv

776	85.1	Octane
414	163.9	Tetrachloroethene
723	133	1,1,1,2-Tetrachloroethane
561	114	Chlorobenzene
1511	106.1	Ethylbenzene
1150	106.1	m-Xylene
1498	106.1	p-Xylene
380	174.9	Bromoform
0	78.1	Styrene
0	56.1	Butyl Acrylate
637	85	1,1,2,2-Tetrachloroethane
1308	106.1	o-Xylene
346	85.1	Nonane
222345	174	Bromofluorobenzene
733	120.1	Cumene
521	126.1	Chlorotoluenes
486	120.1	n-Propylbenzene
0	120.1	m-Ethyltoluene
0	120.1	1,3,5-Trimethylbenzene
0	120.1	1,2,4-Trimethylbenzene
571	91.1	Tert-Butyl Benzene
0	120.1	1-Ethyl-4-Methyl Benzene
554	120.1	o-Ethyltoluene
0	148	1,3-Dichlorobenzene
0	148	1,4-Dichlorobenzene
766	71.1	n-Decane
839	134.2	Sec-Butyl Benzene
543	120.1	1,2,3-Trimethylbenzene
0	148	1,2-Dichlorobenzene
552	134.1	o-Cymene
0	105.1	1,3-Diethylbenzene
0	105.1	1,2-Diethylbenzene
0	92.1	n-Butyl Benzene
1163	71.1	Undecane
602	182	1,2,4-Trichlorobenzene
948	0	Naphthalene
1735	71	Dodecane
0	226.9	Hexachlorobutadiene

0.00	0.00	ppbv	0	85.1
0.00	0.00	ppbv	0	163.9
0.00	0.00	ppbv	0	133
0.00	0.00	ppbv	0	114
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	174.9
0.00	0.00	ppbv	0	78.1
0.00	0.00	ppbv	0	56.1
0.00	0.00	ppbv	0	85
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	85.1
21.18	-51.73	ppbv	113646	174
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	126.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	120.1
24.06	0.01	ppbv	2199	120.1
24.12	-1.00	ppbv	862	91.1
0.00	0.00	ppbv	0	120.1
23.48	0.02	ppbv	580	120.1
0.00	0.00	ppbv	0	148
0.00	0.00	ppbv	0	148
24.34	0.03	ppbv	2241	71.1
0.00	0.00	ppbv	0	134.2
24.91	0.03	ppbv	1355	120.1
0.00	0.00	ppbv	0	148
0.00	0.00	ppbv	0	134.1
25.74	0.03	ppbv	1081	105.1
25.74	0.03	ppbv	1191	105.1
0.00	0.00	ppbv	0	92.1
26.69	0.08	ppbv	8350	71.1
28.03	0.09	ppbv	372	182
28.17	0.26	ppbv	4685	0
28.26	0.14	ppbv	10296	71
28.62	-1.00	ppbv	424	226.9

Octane	0.00	0.00	ppbv	0	85.1
Tetrachloroethene	0.00	0.00	ppbv	0	163.9
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0	133
Chlorobenzene	0.00	0.00	ppbv	0	114
Ethylbenzene	0.00	0.00	ppbv	0	106.1
m-Xylene	0.00	0.00	ppbv	0	106.1
p-Xylene	0.00	0.00	ppbv	0	106.1
Bromoform	0.00	0.00	ppbv	0	174.9
Styrene	0.00	0.00	ppbv	0	78.1
Butyl Acrylate	0.00	0.00	ppbv	0	56.1
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv	0	85
o-Xylene	0.00	0.00	ppbv	0	106.1
Nonane	0.00	0.00	ppbv	0	85.1
Bromofluorobenzene	21.19	-56.21	ppbv	112864	174
Cumene	0.00	0.00	ppbv	0	120.1
Chlorotoluenes	0.00	0.00	ppbv	0	126.1
n-Propylbenzene	0.00	0.00	ppbv	0	120.1
m-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2,4-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
Tert-Butyl Benzene	0.00	0.00	ppbv	0	91.1
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0	120.1
o-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3-Dichlorobenzene	0.00	0.00	ppbv	0	148
1,4-Dichlorobenzene	0.00	0.00	ppbv	0	148
n-Decane	0.00	0.00	ppbv	0	71.1
Sec-Butyl Benzene	0.00	0.00	ppbv	0	134.2
1,2,3-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2-Dichlorobenzene	0.00	0.00	ppbv	0	148
o-Cymene	0.00	0.00	ppbv	0	134.1
1,3-Diethylbenzene	0.00	0.00	ppbv	0	105.1
1,2-Diethylbenzene	0.00	0.00	ppbv	0	105.1
n-Butyl Benzene	0.00	0.00	ppbv	0	92.1
Undecane	0.00	0.00	ppbv	0	71.1
1,2,4-Trichlorobenzene	0.00	0.00	ppbv	0	182
Naphthalene	28.21	0.25	ppbv	1752	0
Dodecane	28.31	0.05	ppbv	2651	71
Hexachlorobutadiene	28.62	-1.00	ppbv	557	226.9

Octane	0.00	0.00	ppbv
Tetrachloroethene	0.00	0.00	ppbv
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv
Chlorobenzene	0.00	0.00	ppbv
Ethylbenzene	0.00	0.00	ppbv
m-Xylene	0.00	0.00	ppbv
p-Xylene	0.00	0.00	ppbv
Bromoform	0.00	0.00	ppbv
Styrene	0.00	0.00	ppbv
Butyl Acrylate	0.00	0.00	ppbv
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv
o-Xylene	0.00	0.00	ppbv
Nonane	0.00	0.00	ppbv
Bromofluorobenzene	21.18	-34.04	ppbv
Cumene	0.00	0.00	ppbv
Chlorotoluenes	0.00	0.00	ppbv
n-Propylbenzene	0.00	0.00	ppbv
m-Ethyltoluene	0.00	0.00	ppbv
1,3,5-Trimethylbenzene	0.00	0.00	ppbv
1,2,4-Trimethylbenzene	0.00	0.00	ppbv
Tert-Butyl Benzene	0.00	0.00	ppbv
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv
o-Ethyltoluene	0.00	0.00	ppbv
1,3-Dichlorobenzene	0.00	0.00	ppbv
1,4-Dichlorobenzene	0.00	0.00	ppbv
n-Decane	24.29	0.04	ppbv
Sec-Butyl Benzene	0.00	0.00	ppbv
1,2,3-Trimethylbenzene	0.00	0.00	ppbv
1,2-Dichlorobenzene	0.00	0.00	ppbv
o-Cymene	0.00	0.00	ppbv
1,3-Diethylbenzene	0.00	0.00	ppbv
1,2-Diethylbenzene	0.00	0.00	ppbv
n-Butyl Benzene	0.00	0.00	ppbv
Undecane	0.00	0.00	ppbv
1,2,4-Trichlorobenzene	0.00	0.00	ppbv
Naphthalene	0.00	0.00	ppbv
Dodecane	0.00	0.00	ppbv
Hexachlorobutadiene	28.63	-1.00	ppbv

0	85.1	Octane
0	163.9	Tetrachloroethene
0	133	1,1,1,2-Tetrachloroethane
0	114	Chlorobenzene
0	106.1	Ethylbenzene
0	106.1	m-Xylene
0	106.1	p-Xylene
0	174.9	Bromoform
0	78.1	Styrene
0	56.1	Butyl Acrylate
0	85	1,1,2,2-Tetrachloroethane
0	106.1	o-Xylene
0	85.1	Nonane
630311	174	Bromofluorobenzene
0	120.1	Cumene
0	126.1	Chlorotoluenes
0	120.1	n-Propylbenzene
0	120.1	m-Ethyltoluene
0	120.1	1,3,5-Trimethylbenzene
0	120.1	1,2,4-Trimethylbenzene
0	91.1	Tert-Butyl Benzene
0	120.1	1-Ethyl-4-Methyl Benzene
0	120.1	o-Ethyltoluene
0	148	1,3-Dichlorobenzene
0	148	1,4-Dichlorobenzene
10038	71.1	n-Decane
0	134.2	Sec-Butyl Benzene
0	120.1	1,2,3-Trimethylbenzene
0	148	1,2-Dichlorobenzene
0	134.1	o-Cymene
0	105.1	1,3-Diethylbenzene
0	105.1	1,2-Diethylbenzene
0	92.1	n-Butyl Benzene
0	71.1	Undecane
0	182	1,2,4-Trichlorobenzene
0	0	Naphthalene
0	71	Dodecane
8564	226.9	Hexachlorobutadiene

0.00	0.00	ppbv	0	85.1
0.00	0.00	ppbv	0	163.9
0.00	0.00	ppbv	0	133
0.00	0.00	ppbv	0	114
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	174.9
0.00	0.00	ppbv	0	78.1
0.00	0.00	ppbv	0	56.1
0.00	0.00	ppbv	0	85
0.00	0.00	ppbv	0	106.1
0.00	0.00	ppbv	0	85.1
21.18	-16.42	ppbv	664193	174
21.18	0.05	ppbv	1403	120.1
0.00	0.00	ppbv	0	126.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	91.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	148
0.00	0.00	ppbv	0	148
0.00	0.00	ppbv	0	71.1
0.00	0.00	ppbv	0	134.2
0.00	0.00	ppbv	0	120.1
0.00	0.00	ppbv	0	148
25.31	0.07	ppbv	1581	134.1
0.00	0.00	ppbv	0	105.1
0.00	0.00	ppbv	0	105.1
0.00	0.00	ppbv	0	92.1
26.73	0.01	ppbv	1218	71.1
28.04	0.08	ppbv	1319	182
0.00	0.00	ppbv	0	0
28.33	0.02	ppbv	5826	71
28.62	-1.00	ppbv	1053	226.9

Octane	0.00	0.00	ppbv	0
Tetrachloroethene	0.00	0.00	ppbv	0
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0
Chlorobenzene	18.18	-0.33	ppbv	1215
Ethylbenzene	0.00	0.00	ppbv	0
m-Xylene	0.00	0.00	ppbv	0
p-Xylene	0.00	0.00	ppbv	0
Bromoform	19.56	-1.00	ppbv	530
Styrene	0.00	0.00	ppbv	0
Butyl Acrylate	0.00	0.00	ppbv	0
1,1,2,2-Tetrachloroethane	20.19	-1.00	ppbv	1265
o-Xylene	0.00	0.00	ppbv	0
Nonane	0.00	0.00	ppbv	0
Bromofluorobenzene	21.18	-9.59	ppbv	1191508
Cumene	0.00	0.00	ppbv	0
Chlorotoluenes	0.00	0.00	ppbv	0
n-Propylbenzene	0.00	0.00	ppbv	0
m-Ethyltoluene	0.00	0.00	ppbv	0
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0
1,2,4-Trimethylbenzene	0.00	0.00	ppbv	0
Tert-Butyl Benzene	0.00	0.00	ppbv	0
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0
o-Ethyltoluene	0.00	0.00	ppbv	0
1,3-Dichlorobenzene	0.00	0.00	ppbv	0
1,4-Dichlorobenzene	0.00	0.00	ppbv	0
n-Decane	24.35	0.02	ppbv	2537
Sec-Butyl Benzene	0.00	0.00	ppbv	0
1,2,3-Trimethylbenzene	24.91	0.02	ppbv	3565
1,2-Dichlorobenzene	0.00	0.00	ppbv	0
o-Cymene	25.31	0.07	ppbv	1692
1,3-Diethylbenzene	0.00	0.00	ppbv	0
1,2-Diethylbenzene	25.75	0.02	ppbv	1934
n-Butyl Benzene	0.00	0.00	ppbv	0
Undecane	26.71	0.02	ppbv	11936
1,2,4-Trichlorobenzene	28.06	0.08	ppbv	2308
Naphthalene	0.00	0.00	ppbv	0
Dodecane	28.31	0.10	ppbv	95456
Hexachlorobutadiene	28.61	-1.00	ppbv	1911

85.1	Octane	0.00	0.00
163.9	Tetrachloroethene	0.00	0.00
133	1,1,1,2-Tetrachloroethane	0.00	0.00
114	Chlorobenzene	0.00	0.00
106.1	Ethylbenzene	0.00	0.00
106.1	m-Xylene	0.00	0.00
106.1	p-Xylene	0.00	0.00
174.9	Bromoform	0.00	0.00
78.1	Styrene	0.00	0.00
56.1	Butyl Acrylate	0.00	0.00
85	1,1,2,2-Tetrachloroethane	0.00	0.00
106.1	o-Xylene	0.00	0.00
85.1	Nonane	0.00	0.00
174	Bromofluorobenzene	21.19	-18.72
120.1	Cumene	0.00	0.00
126.1	Chlorotoluenes	0.00	0.00
120.1	n-Propylbenzene	0.00	0.00
120.1	m-Ethyltoluene	0.00	0.00
120.1	1,3,5-Trimethylbenzene	0.00	0.00
120.1	1,2,4-Trimethylbenzene	0.00	0.00
91.1	Tert-Butyl Benzene	0.00	0.00
120.1	1-Ethyl-4-Methyl Benzene	0.00	0.00
120.1	o-Ethyltoluene	0.00	0.00
148	1,3-Dichlorobenzene	0.00	0.00
148	1,4-Dichlorobenzene	0.00	0.00
71.1	n-Decane	0.00	0.00
134.2	Sec-Butyl Benzene	0.00	0.00
120.1	1,2,3-Trimethylbenzene	0.00	0.00
148	1,2-Dichlorobenzene	0.00	0.00
134.1	o-Cymene	0.00	0.00
105.1	1,3-Diethylbenzene	0.00	0.00
105.1	1,2-Diethylbenzene	0.00	0.00
92.1	n-Butyl Benzene	0.00	0.00
71.1	Undecane	26.75	0.01
182	1,2,4-Trichlorobenzene	0.00	0.00
0	Naphthalene	0.00	0.00
71	Dodecane	28.34	0.02
226.9	Hexachlorobutadiene	28.62	-1.00

ppbv	0	85.1
ppbv	0	163.9
ppbv	0	133
ppbv	0	114
ppbv	0	106.1
ppbv	0	106.1
ppbv	0	106.1
ppbv	0	174.9
ppbv	0	78.1
ppbv	0	56.1
ppbv	0	85
ppbv	0	106.1
ppbv	0	85.1
ppbv	661782	174
ppbv	0	120.1
ppbv	0	126.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	91.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	148
ppbv	0	148
ppbv	0	71.1
ppbv	0	134.2
ppbv	0	120.1
ppbv	0	148
ppbv	0	134.1
ppbv	0	105.1
ppbv	0	105.1
ppbv	0	92.1
ppbv	2053	71.1
ppbv	0	182
ppbv	0	0
ppbv	8153	71
ppbv	1240	226.9

Octane	0.00	0.00	ppbv	0
Tetrachloroethene	0.00	0.00	ppbv	0
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0
Chlorobenzene	0.00	0.00	ppbv	0
Ethylbenzene	0.00	0.00	ppbv	0
m-Xylene	0.00	0.00	ppbv	0
p-Xylene	0.00	0.00	ppbv	0
Bromoform	0.00	0.00	ppbv	0
Styrene	0.00	0.00	ppbv	0
Butyl Acrylate	0.00	0.00	ppbv	0
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv	0
o-Xylene	0.00	0.00	ppbv	0
Nonane	0.00	0.00	ppbv	0
Bromofluorobenzene	21.17	-10.90	ppbv	894306
Cumene	0.00	0.00	ppbv	0
Chlorotoluenes	0.00	0.00	ppbv	0
n-Propylbenzene	0.00	0.00	ppbv	0
m-Ethyltoluene	0.00	0.00	ppbv	0
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0
1,2,4-Trimethylbenzene	23.98	-1.00	ppbv	1402
Tert-Butyl Benzene	0.00	0.00	ppbv	0
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0
o-Ethyltoluene	0.00	0.00	ppbv	0
1,3-Dichlorobenzene	0.00	0.00	ppbv	0
1,4-Dichlorobenzene	0.00	0.00	ppbv	0
n-Decane	24.34	0.02	ppbv	1483
Sec-Butyl Benzene	0.00	0.00	ppbv	0
1,2,3-Trimethylbenzene	24.89	0.02	ppbv	2097
1,2-Dichlorobenzene	0.00	0.00	ppbv	0
o-Cymene	25.30	0.07	ppbv	2386
1,3-Diethylbenzene	0.00	0.00	ppbv	0
1,2-Diethylbenzene	0.00	0.00	ppbv	0
n-Butyl Benzene	25.73	0.02	ppbv	2521
Undecane	26.69	0.02	ppbv	5141
1,2,4-Trichlorobenzene	27.96	0.08	ppbv	5547
Naphthalene	28.12	0.13	ppbv	25451
Dodecane	28.26	0.02	ppbv	11089
Hexachlorobutadiene	28.61	-1.00	ppbv	3242

85.1	Octane	0.00	0.00
163.9	Tetrachloroethene	0.00	0.00
133	1,1,1,2-Tetrachloroethane	0.00	0.00
114	Chlorobenzene	0.00	0.00
106.1	Ethylbenzene	0.00	0.00
106.1	m-Xylene	0.00	0.00
106.1	p-Xylene	0.00	0.00
174.9	Bromoform	0.00	0.00
78.1	Styrene	0.00	0.00
56.1	Butyl Acrylate	0.00	0.00
85	1,1,2,2-Tetrachloroethane	0.00	0.00
106.1	o-Xylene	0.00	0.00
85.1	Nonane	0.00	0.00
174	Bromofluorobenzene	21.19	-16.47
120.1	Cumene	0.00	0.00
126.1	Chlorotoluenes	0.00	0.00
120.1	n-Propylbenzene	0.00	0.00
120.1	m-Ethyltoluene	0.00	0.00
120.1	1,3,5-Trimethylbenzene	0.00	0.00
120.1	1,2,4-Trimethylbenzene	0.00	0.00
91.1	Tert-Butyl Benzene	0.00	0.00
120.1	1-Ethyl-4-Methyl Benzene	0.00	0.00
120.1	o-Ethyltoluene	0.00	0.00
148	1,3-Dichlorobenzene	0.00	0.00
148	1,4-Dichlorobenzene	0.00	0.00
71.1	n-Decane	0.00	0.00
134.2	Sec-Butyl Benzene	0.00	0.00
120.1	1,2,3-Trimethylbenzene	0.00	0.00
148	1,2-Dichlorobenzene	0.00	0.00
134.1	o-Cymene	25.31	0.06
105.1	1,3-Diethylbenzene	0.00	0.00
105.1	1,2-Diethylbenzene	0.00	0.00
92.1	n-Butyl Benzene	0.00	0.00
71.1	Undecane	0.00	0.00
182	1,2,4-Trichlorobenzene	0.00	0.00
0	Naphthalene	0.00	0.00
71	Dodecane	28.32	0.01
226.9	Hexachlorobutadiene	28.62	-1.00

ppbv	0	85.1
ppbv	0	163.9
ppbv	0	133
ppbv	0	114
ppbv	0	106.1
ppbv	0	106.1
ppbv	0	106.1
ppbv	0	174.9
ppbv	0	78.1
ppbv	0	56.1
ppbv	0	85
ppbv	0	106.1
ppbv	0	85.1
ppbv	586889	174
ppbv	0	120.1
ppbv	0	126.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	91.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	148
ppbv	0	148
ppbv	0	71.1
ppbv	0	134.2
ppbv	0	120.1
ppbv	0	148
ppbv	839	134.1
ppbv	0	105.1
ppbv	0	105.1
ppbv	0	92.1
ppbv	0	71.1
ppbv	0	182
ppbv	0	0
ppbv	2188	71
ppbv	1004	226.9

Octane	0.00	0.00	ppbv	0	85.1
Tetrachloroethene	0.00	0.00	ppbv	0	163.9
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0	133
Chlorobenzene	0.00	0.00	ppbv	0	114
Ethylbenzene	0.00	0.00	ppbv	0	106.1
m-Xylene	0.00	0.00	ppbv	0	106.1
p-Xylene	0.00	0.00	ppbv	0	106.1
Bromoform	0.00	0.00	ppbv	0	174.9
Styrene	0.00	0.00	ppbv	0	78.1
Butyl Acrylate	0.00	0.00	ppbv	0	56.1
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv	0	85
o-Xylene	0.00	0.00	ppbv	0	106.1
Nonane	0.00	0.00	ppbv	0	85.1
Bromofluorobenzene	21.17	-43.89	ppbv	187210	174
Cumene	0.00	0.00	ppbv	0	120.1
Chlorotoluenes	0.00	0.00	ppbv	0	126.1
n-Propylbenzene	0.00	0.00	ppbv	0	120.1
m-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2,4-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
Tert-Butyl Benzene	0.00	0.00	ppbv	0	91.1
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0	120.1
o-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3-Dichlorobenzene	0.00	0.00	ppbv	0	148
1,4-Dichlorobenzene	0.00	0.00	ppbv	0	148
n-Decane	0.00	0.00	ppbv	0	71.1
Sec-Butyl Benzene	0.00	0.00	ppbv	0	134.2
1,2,3-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2-Dichlorobenzene	0.00	0.00	ppbv	0	148
o-Cymene	0.00	0.00	ppbv	0	134.1
1,3-Diethylbenzene	0.00	0.00	ppbv	0	105.1
1,2-Diethylbenzene	0.00	0.00	ppbv	0	105.1
n-Butyl Benzene	0.00	0.00	ppbv	0	92.1
Undecane	0.00	0.00	ppbv	0	71.1
1,2,4-Trichlorobenzene	0.00	0.00	ppbv	0	182
Naphthalene	0.00	0.00	ppbv	0	0
Dodecane	28.31	0.14	ppbv	14651	71
Hexachlorobutadiene	0.00	0.00	ppbv	0	226.9

Octane	0.00	0.00
Tetrachloroethene	0.00	0.00
1,1,1,2-Tetrachloroethane	0.00	0.00
Chlorobenzene	0.00	0.00
Ethylbenzene	0.00	0.00
m-Xylene	0.00	0.00
p-Xylene	0.00	0.00
Bromoform	0.00	0.00
Styrene	0.00	0.00
Butyl Acrylate	0.00	0.00
1,1,2,2-Tetrachloroethane	0.00	0.00
o-Xylene	0.00	0.00
Nonane	0.00	0.00
Bromofluorobenzene	21.18	-65.16
Cumene	0.00	0.00
Chlorotoluenes	0.00	0.00
n-Propylbenzene	0.00	0.00
m-Ethyltoluene	0.00	0.00
1,3,5-Trimethylbenzene	0.00	0.00
1,2,4-Trimethylbenzene	0.00	0.00
Tert-Butyl Benzene	0.00	0.00
1-Ethyl-4-Methyl Benzene	0.00	0.00
o-Ethyltoluene	0.00	0.00
1,3-Dichlorobenzene	0.00	0.00
1,4-Dichlorobenzene	0.00	0.00
n-Decane	0.00	0.00
Sec-Butyl Benzene	0.00	0.00
1,2,3-Trimethylbenzene	0.00	0.00
1,2-Dichlorobenzene	0.00	0.00
o-Cymene	0.00	0.00
1,3-Diethylbenzene	0.00	0.00
1,2-Diethylbenzene	0.00	0.00
n-Butyl Benzene	0.00	0.00
Undecane	0.00	0.00
1,2,4-Trichlorobenzene	0.00	0.00
Naphthalene	0.00	0.00
Dodecane	0.00	0.00
Hexachlorobutadiene	0.00	0.00

ppbv	0	85.1
ppbv	0	163.9
ppbv	0	133
ppbv	0	114
ppbv	0	106.1
ppbv	0	106.1
ppbv	0	106.1
ppbv	0	174.9
ppbv	0	78.1
ppbv	0	56.1
ppbv	0	85
ppbv	0	106.1
ppbv	0	85.1
ppbv	125882	174
ppbv	0	120.1
ppbv	0	126.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	91.1
ppbv	0	120.1
ppbv	0	120.1
ppbv	0	148
ppbv	0	148
ppbv	0	71.1
ppbv	0	134.2
ppbv	0	120.1
ppbv	0	148
ppbv	0	134.1
ppbv	0	105.1
ppbv	0	105.1
ppbv	0	92.1
ppbv	0	71.1
ppbv	0	182
ppbv	0	0
ppbv	0	71
ppbv	0	226.9

Octane	0.00	0.00	ppbv	0	85.1
Tetrachloroethene	0.00	0.00	ppbv	0	163.9
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0	133
Chlorobenzene	0.00	0.00	ppbv	0	114
Ethylbenzene	0.00	0.00	ppbv	0	106.1
m-Xylene	0.00	0.00	ppbv	0	106.1
p-Xylene	0.00	0.00	ppbv	0	106.1
Bromoform	0.00	0.00	ppbv	0	174.9
Styrene	0.00	0.00	ppbv	0	78.1
Butyl Acrylate	0.00	0.00	ppbv	0	56.1
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv	0	85
o-Xylene	0.00	0.00	ppbv	0	106.1
Nonane	0.00	0.00	ppbv	0	85.1
Bromofluorobenzene	21.18	-47.36	ppbv	186375	174
Cumene	0.00	0.00	ppbv	0	120.1
Chlorotoluenes	0.00	0.00	ppbv	0	126.1
n-Propylbenzene	0.00	0.00	ppbv	0	120.1
m-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2,4-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
Tert-Butyl Benzene	0.00	0.00	ppbv	0	91.1
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0	120.1
o-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3-Dichlorobenzene	0.00	0.00	ppbv	0	148
1,4-Dichlorobenzene	0.00	0.00	ppbv	0	148
n-Decane	0.00	0.00	ppbv	0	71.1
Sec-Butyl Benzene	0.00	0.00	ppbv	0	134.2
1,2,3-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2-Dichlorobenzene	0.00	0.00	ppbv	0	148
o-Cymene	0.00	0.00	ppbv	0	134.1
1,3-Diethylbenzene	0.00	0.00	ppbv	0	105.1
1,2-Diethylbenzene	0.00	0.00	ppbv	0	105.1
n-Butyl Benzene	0.00	0.00	ppbv	0	92.1
Undecane	26.73	0.03	ppbv	2721	71.1
1,2,4-Trichlorobenzene	0.00	0.00	ppbv	0	182
Naphthalene	0.00	0.00	ppbv	0	0
Dodecane	28.27	0.07	ppbv	6508	71
Hexachlorobutadiene	0.00	0.00	ppbv	0	226.9

Octane	0.00	0.00	ppbv
Tetrachloroethene	0.00	0.00	ppbv
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv
Chlorobenzene	0.00	0.00	ppbv
Ethylbenzene	0.00	0.00	ppbv
m-Xylene	0.00	0.00	ppbv
p-Xylene	0.00	0.00	ppbv
Bromoform	0.00	0.00	ppbv
Styrene	0.00	0.00	ppbv
Butyl Acrylate	0.00	0.00	ppbv
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv
o-Xylene	0.00	0.00	ppbv
Nonane	0.00	0.00	ppbv
Bromofluorobenzene	21.20	-22.73	ppbv
Cumene	0.00	0.00	ppbv
Chlorotoluenes	0.00	0.00	ppbv
n-Propylbenzene	0.00	0.00	ppbv
m-Ethyltoluene	0.00	0.00	ppbv
1,3,5-Trimethylbenzene	0.00	0.00	ppbv
1,2,4-Trimethylbenzene	0.00	0.00	ppbv
Tert-Butyl Benzene	0.00	0.00	ppbv
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv
o-Ethyltoluene	0.00	0.00	ppbv
1,3-Dichlorobenzene	0.00	0.00	ppbv
1,4-Dichlorobenzene	0.00	0.00	ppbv
n-Decane	0.00	0.00	ppbv
Sec-Butyl Benzene	0.00	0.00	ppbv
1,2,3-Trimethylbenzene	0.00	0.00	ppbv
1,2-Dichlorobenzene	0.00	0.00	ppbv
o-Cymene	0.00	0.00	ppbv
1,3-Diethylbenzene	0.00	0.00	ppbv
1,2-Diethylbenzene	0.00	0.00	ppbv
n-Butyl Benzene	0.00	0.00	ppbv
Undecane	26.74	0.01	ppbv
1,2,4-Trichlorobenzene	0.00	0.00	ppbv
Naphthalene	0.00	0.00	ppbv
Dodecane	28.33	0.07	ppbv
Hexachlorobutadiene	28.62	-1.00	ppbv

0	85.1	Octane
0	163.9	Tetrachloroethene
0	133	1,1,1,2-Tetrachloroethane
0	114	Chlorobenzene
0	106.1	Ethylbenzene
0	106.1	m-Xylene
0	106.1	p-Xylene
0	174.9	Bromoform
0	78.1	Styrene
0	56.1	Butyl Acrylate
0	85	1,1,2,2-Tetrachloroethane
0	106.1	o-Xylene
0	85.1	Nonane
213660	174	Bromofluorobenzene
0	120.1	Cumene
0	126.1	Chlorotoluenes
0	120.1	n-Propylbenzene
0	120.1	m-Ethyltoluene
0	120.1	1,3,5-Trimethylbenzene
0	120.1	1,2,4-Trimethylbenzene
0	91.1	Tert-Butyl Benzene
0	120.1	1-Ethyl-4-Methyl Benzene
0	120.1	o-Ethyltoluene
0	148	1,3-Dichlorobenzene
0	148	1,4-Dichlorobenzene
0	71.1	n-Decane
0	134.2	Sec-Butyl Benzene
0	120.1	1,2,3-Trimethylbenzene
0	148	1,2-Dichlorobenzene
0	134.1	o-Cymene
0	105.1	1,3-Diethylbenzene
0	105.1	1,2-Diethylbenzene
0	92.1	n-Butyl Benzene
863	71.1	Undecane
0	182	1,2,4-Trichlorobenzene
0	0	Naphthalene
15745	71	Dodecane
460	226.9	Hexachlorobutadiene

0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
21.19	-22.08	ppbv	214094
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
0.00	0.00	ppbv	0
28.34	0.03	ppbv	5129
28.62	-1.00	ppbv	322

Octane	0.00	0.00	ppbv	0	85.1
Tetrachloroethene	0.00	0.00	ppbv	0	163.9
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv	0	133
Chlorobenzene	0.00	0.00	ppbv	0	114
Ethylbenzene	0.00	0.00	ppbv	0	106.1
m-Xylene	0.00	0.00	ppbv	0	106.1
p-Xylene	0.00	0.00	ppbv	0	106.1
Bromoform	0.00	0.00	ppbv	0	174.9
Styrene	0.00	0.00	ppbv	0	78.1
Butyl Acrylate	0.00	0.00	ppbv	0	56.1
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv	0	85
o-Xylene	0.00	0.00	ppbv	0	106.1
Nonane	0.00	0.00	ppbv	0	85.1
Bromofluorobenzene	21.19	-19.85	ppbv	264759	174
Cumene	0.00	0.00	ppbv	0	120.1
Chlorotoluenes	0.00	0.00	ppbv	0	126.1
n-Propylbenzene	22.22	0.10	ppbv	556	120.1
m-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3,5-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2,4-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
Tert-Butyl Benzene	0.00	0.00	ppbv	0	91.1
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv	0	120.1
o-Ethyltoluene	0.00	0.00	ppbv	0	120.1
1,3-Dichlorobenzene	0.00	0.00	ppbv	0	148
1,4-Dichlorobenzene	0.00	0.00	ppbv	0	148
n-Decane	0.00	0.00	ppbv	0	71.1
Sec-Butyl Benzene	0.00	0.00	ppbv	0	134.2
1,2,3-Trimethylbenzene	0.00	0.00	ppbv	0	120.1
1,2-Dichlorobenzene	0.00	0.00	ppbv	0	148
o-Cymene	0.00	0.00	ppbv	0	134.1
1,3-Diethylbenzene	0.00	0.00	ppbv	0	105.1
1,2-Diethylbenzene	0.00	0.00	ppbv	0	105.1
n-Butyl Benzene	0.00	0.00	ppbv	0	92.1
Undecane	0.00	0.00	ppbv	0	71.1
1,2,4-Trichlorobenzene	0.00	0.00	ppbv	0	182
Naphthalene	0.00	0.00	ppbv	0	0
Dodecane	28.33	0.04	ppbv	9635	71
Hexachlorobutadiene	28.62	-1.00	ppbv	339	226.9

Octane	0.00	0.00	ppbv
Tetrachloroethene	0.00	0.00	ppbv
1,1,1,2-Tetrachloroethane	0.00	0.00	ppbv
Chlorobenzene	0.00	0.00	ppbv
Ethylbenzene	0.00	0.00	ppbv
m-Xylene	0.00	0.00	ppbv
p-Xylene	0.00	0.00	ppbv
Bromoform	0.00	0.00	ppbv
Styrene	0.00	0.00	ppbv
Butyl Acrylate	0.00	0.00	ppbv
1,1,2,2-Tetrachloroethane	0.00	0.00	ppbv
o-Xylene	0.00	0.00	ppbv
Nonane	0.00	0.00	ppbv
Bromofluorobenzene	21.19	-19.58	ppbv
Cumene	0.00	0.00	ppbv
Chlorotoluenes	0.00	0.00	ppbv
n-Propylbenzene	0.00	0.00	ppbv
m-Ethyltoluene	0.00	0.00	ppbv
1,3,5-Trimethylbenzene	0.00	0.00	ppbv
1,2,4-Trimethylbenzene	24.06	-1.00	ppbv
Tert-Butyl Benzene	0.00	0.00	ppbv
1-Ethyl-4-Methyl Benzene	0.00	0.00	ppbv
o-Ethyltoluene	0.00	0.00	ppbv
1,3-Dichlorobenzene	0.00	0.00	ppbv
1,4-Dichlorobenzene	0.00	0.00	ppbv
n-Decane	24.33	0.02	ppbv
Sec-Butyl Benzene	0.00	0.00	ppbv
1,2,3-Trimethylbenzene	24.91	0.02	ppbv
1,2-Dichlorobenzene	0.00	0.00	ppbv
o-Cymene	25.31	0.07	ppbv
1,3-Diethylbenzene	0.00	0.00	ppbv
1,2-Diethylbenzene	25.74	0.02	ppbv
n-Butyl Benzene	0.00	0.00	ppbv
Undecane	26.69	0.08	ppbv
1,2,4-Trichlorobenzene	28.01	0.08	ppbv
Naphthalene	28.17	0.13	ppbv
Dodecane	28.26	0.25	ppbv
Hexachlorobutadiene	28.62	-1.00	ppbv

0	Octane	0.00
0	Tetrachloroethene	0.00
0	1,1,1,2-Tetrachloroethane	0.00
0	Chlorobenzene	0.00
0	Ethylbenzene	0.00
0	m-Xylene	0.00
0	p-Xylene	0.00
0	Bromoform	0.00
0	Styrene	0.00
0	Butyl Acrylate	0.00
0	1,1,2,2-Tetrachloroethane	0.00
0	o-Xylene	0.00
0	Nonane	0.00
261711	Bromofluorobenzene	21.19
0	Cumene	0.00
0	Chlorotoluenes	0.00
0	n-Propylbenzene	0.00
0	m-Ethyltoluene	0.00
0	1,3,5-Trimethylbenzene	0.00
2628	1,2,4-Trimethylbenzene	0.00
0	Tert-Butyl Benzene	0.00
0	1-Ethyl-4-Methyl Benzene	0.00
0	o-Ethyltoluene	0.00
0	1,3-Dichlorobenzene	0.00
0	1,4-Dichlorobenzene	0.00
2823	n-Decane	24.38
0	Sec-Butyl Benzene	0.00
2138	1,2,3-Trimethylbenzene	0.00
0	1,2-Dichlorobenzene	0.00
1229	o-Cymene	0.00
0	1,3-Diethylbenzene	0.00
1549	1,2-Diethylbenzene	0.00
0	n-Butyl Benzene	0.00
22035	Undecane	26.71
760	1,2,4-Trichlorobenzene	0.00
9445	Naphthalene	0.00
71596	Dodecane	28.27
823	Hexachlorobutadiene	28.62

0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
-18.05	ppbv	277454
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.02	ppbv	1395
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.00	ppbv	0
0.03	ppbv	5284
0.00	ppbv	0
0.00	ppbv	0
0.04	ppbv	9059
-1.00	ppbv	397

Octane	ppbv	0
Tetrachloroethene	ppbv	0
1,1,1,2-Tetrachloroethane	ppbv	0
Chlorobenzene	ppbv	0
Ethylbenzene	ppbv	0
m-Xylene	ppbv	0
p-Xylene	ppbv	0
Bromoform	ppbv	0
Styrene	ppbv	0
Butyl Acrylate	ppbv	0
1,1,2,2-Tetrachloroethane	ppbv	0
o-Xylene	ppbv	0
Nonane	ppbv	0
Bromofluorobenzene	ppbv	201622
Cumene	ppbv	0
Chlorotoluenes	ppbv	0
n-Propylbenzene	ppbv	0
m-Ethyltoluene	ppbv	0
1,3,5-Trimethylbenzene	ppbv	0
1,2,4-Trimethylbenzene	ppbv	0
Tert-Butyl Benzene	ppbv	0
1-Ethyl-4-Methyl Benzene	ppbv	0
o-Ethyltoluene	ppbv	0
1,3-Dichlorobenzene	ppbv	0
1,4-Dichlorobenzene	ppbv	0
n-Decane	ppbv	0
Sec-Butyl Benzene	ppbv	0
1,2,3-Trimethylbenzene	ppbv	0
1,2-Dichlorobenzene	ppbv	0
o-Cymene	ppbv	0
1,3-Diethylbenzene	ppbv	0
1,2-Diethylbenzene	ppbv	0
n-Butyl Benzene	ppbv	0
Undecane	ppbv	1809
1,2,4-Trichlorobenzene	ppbv	0
Naphthalene	ppbv	0
Dodecane	ppbv	1769
Hexachlorobutadiene	ppbv	308

73] Methyl Methacrylate	13.249	41
74] Heptane	13.359	43
75] cis-1,3-Dichloropropene	14.163	75
76] 4-Methy-2-Pentanone	14.226	43
77] Methylcyclohexane	14.305	83
78] trans-1,3-Dichloropropene	14.934	75
79] 1,1,2-Trichloroethane	15.173	97
80] 2,3,4-Trimethylpentane	15.354	43
81] Toluene	15.587	91
82] 2-Methylheptane	15.871	57
83] 2-Hexanone	16.162	43
84] Dibromochloromethane	16.221	129
85] 3-Methylheptane	16.162	43
86] 1,2-Dibromoethane	16.612	107
87] Octane	17.129	43
88] Tetrachloroethene	17.337	166
90] 1,1,1,2-Tetrachloroethane	18.428	131
91] Chlorobenzene	18.46	112
92] Ethylbenzene	19.134	91
93] m-Xylene	19.457	91
94] p-Xylene	19.467	91
95] Bromoform	19.547	173
96] Styrene	20.121	104
97] Butyl Acrylate	20.121	55
98] 1,1,2,2-Tetrachloroethane	20.288	83
99] o-Xylene	20.306	91
100] Nonane	20.81	57
101] Bromofluorobenzene	21.18	95
102] Cumene	21.471	105
103] Chlorotoluenes	22.538	91
104] n-Propylbenzene	22.538	91
105] m-Ethyltoluene	22.779	105
106] 1,3,5-Trimethylbenzene	23.039	105
107] 1,2,4-Trimethylbenzene	23.952	105
108] Tert-Butyl Benzene	23.93	119
109] 1-Ethyl-4-Methyl Benzene	22.863	105
110] o-Ethyltoluene	23.439	105
111] 1,3-Dichlorobenzene	24.254	146
112] 1,4-Dichlorobenzene	24.399	146
113] n-Decane	24.298	57
114] Sec-Butyl Benzene	24.544	105
115] 1,2,3-Trimethylbenzene	24.856	105
116] 1,2-Dichlorobenzene	25.069	146
117] o-Cymene	25.258	119
118] 1,3-Diethylbenzene	25.493	119
119] 1,2-Diethylbenzene	25.66	119
120] n-Butyl Benzene	25.683	91

44135		0.63	ppbv #	93
228442		0.76	ppbv	96
40803		0.67	ppbv	96
94724	m	0.67	ppbv	
69128		0.72	ppbv	89
19684	m	0.63	ppbv	
45832		0.76	ppbv	92
177756		0.71	ppbv #	97
253574		0.70	ppbv	99
106768		0.66	ppbv	94
136400		1.32	ppbv #	87
112304		0.75	ppbv	99
136400		0.71	ppbv	94
51937		0.68	ppbv	99
129352		0.61	ppbv	99
84578		0.77	ppbv	97
117388		1.00	ppbv	100
110733		0.78	ppbv	99
340984		0.70	ppbv	96
324560	m	0.76	ppbv	
403711	m	0.77	ppbv	
105524		0.82	ppbv	99
110281		0.56	ppbv	89
37592	m	0.96	ppbv	
130440		0.88	ppbv	99
392867		0.76	ppbv #	70
106692		0.70	ppbv	99
468788		20.54	ppbv	98
206830		0.74	ppbv	97
156179		0.63	ppbv #	100
156179		0.56	ppbv	97
137965		0.51	ppbv #	46
400279		0.65	ppbv	99
396151		0.58	ppbv #	97
247856		0.68	ppbv	97
345082		0.61	ppbv	97
150780		0.56	ppbv #	89
94349		0.49	ppbv	99
117292	m	0.55	ppbv	
140093		0.56	ppbv	99
316279		0.67	ppbv	99
125350		0.43	ppbv	94
123226		0.60	ppbv	99
237552		0.66	ppbv	98
90632		0.48	ppbv	98
104704		0.50	ppbv	87
366977		0.68	ppbv	96

73] Methyl Methacrylate	13.237	41	14621	m
74] Heptane	13.285	43	180814	
75] cis-1,3-Dichloropropene	14.108	75	63467	
76] 4-Methy-2-Pentanone	14.226	43	78693	m
77] Methylcyclohexane	14.234	83	115630	
78] trans-1,3-Dichloropropene	14.905	75	30346	m
79] 1,1,2-Trichloroethane	15.115	97	83231	
80] 2,3,4-Trimethylpentane	15.297	43	137685	
81] Toluene	15.529	91	448439	
82] 2-Methylheptane	15.823	57	106292	
83] 2-Hexanone	16.116	43	84562	
84] Dibromochloromethane	16.175	129	183914	
85] 3-Methylheptane	16.116	43	85163	
86] 1,2-Dibromoethane	16.586	107	66893	
87] Octane	17.095	43	87950	
88] Tetrachloroethene	17.3	166	233666	
90] 1,1,1,2-Tetrachloroethane	18.393	131	185963	
91] Chlorobenzene	18.435	112	177674	
92] Ethylbenzene	19.11	91	492706	
93] m-Xylene	19.429	91	357876	m
94] p-Xylene	19.446	91	496187	m
95] Bromoform	19.527	173	86365	
96] Styrene	20.111	104	125828	
97) Butyl Acrylate	20.302	55	7958	m
98] 1,1,2,2-Tetrachloroethane	20.272	83	162602	
99] o-Xylene	20.29	91	543069	
100] Nonane	20.801	57	98858	
101] Bromofluorobenzene	21.172	95	397623	
102] Cumene	21.454	105	373211	
103] Chlorotoluenes	22.527	91	259596	
104] n-Propylbenzene	22.527	91	259596	
105] m-Ethyltoluene	22.766	105	267282	
106] 1,3,5-Trimethylbenzene	23.028	105	829296	
107] 1,2,4-Trimethylbenzene	23.932	105	851671	
108] Tert-Butyl Benzene	23.92	119	571151	
109] 1-Ethyl-4-Methyl Benzene	22.849	105	600598	
110] o-Ethyltoluene	23.429	105	336926	
111] 1,3-Dichlorobenzene	24.233	146	248693	
112] 1,4-Dichlorobenzene	24.389	146	306025	
113] n-Decane	24.3	57	182837	
114] Sec-Butyl Benzene	24.535	105	640633	
115] 1,2,3-Trimethylbenzene	24.847	105	368865	
116] 1,2-Dichlorobenzene	25.07	146	376349	
117] o-Cymene	25.249	119	691556	
118] 1,3-Diethylbenzene	25.484	119	319210	
119] 1,2-Diethylbenzene	25.651	119	381301	
120] n-Butyl Benzene	25.685	91	798305	

0.45 ppbv	
0.78 ppbv	96
0.63 ppbv	90
0.66 ppbv	
0.71 ppbv	95
0.57 ppbv	
0.70 ppbv	93
0.68 ppbv	97
0.65 ppbv	97
0.66 ppbv	98
0.59 ppbv #	86
0.62 ppbv	99
0.66 ppbv	98
0.57 ppbv	96
0.57 ppbv	99
0.72 ppbv	98
0.95 ppbv	100
0.78 ppbv	99
0.68 ppbv	99
0.62 ppbv	
0.78 ppbv	
0.47 ppbv	97
0.50 ppbv	97
0.51 ppbv	
0.91 ppbv	100
0.79 ppbv	100
0.78 ppbv	99
Below Cal	99
0.77 ppbv	98
0.66 ppbv #	100
0.58 ppbv	100
0.54 ppbv	99
0.73 ppbv	97
0.71 ppbv #	97
0.73 ppbv	95
0.55 ppbv	96
0.61 ppbv	95
0.54 ppbv	99
0.59 ppbv	98
0.82 ppbv #	89
0.73 ppbv	97
0.66 ppbv	97
0.76 ppbv	99
0.83 ppbv	95
0.75 ppbv	97
0.79 ppbv	90
0.91 ppbv	98

73] Methyl Methacrylate	13.2	41	59065	m
74] Heptane	13.273	43	1008889	
75] cis-1,3-Dichloropropene	14.099	75	359186	
76] 4-Methy-2-Pentanone	14.218	43	400973	m
77] Methylcyclohexane	14.226	83	678317	
78] trans-1,3-Dichloropropene	14.897	75	153001	
79] 1,1,2-Trichloroethane	15.115	97	416242	
80] 2,3,4-Trimethylpentane	15.289	43	870894	
81] Toluene	15.529	91	2498753	
82] 2-Methylheptane	15.812	57	650434	
83] 2-Hexanone	16.116	43	531004	
84] Dibromochloromethane	16.174	129	678299	
85] 3-Methylheptane	16.116	43	533070	
86] 1,2-Dibromoethane	16.576	107	352220	
87] Octane	17.084	43	569908	
88] Tetrachloroethene	17.29	166	1022533	
90] 1,1,1,2-Tetrachloroethane	18.393	131	756350	
91] Chlorobenzene	18.429	112	956996	
92] Ethylbenzene	19.103	91	2812445	
93] m-Xylene	19.412	91	1904901	
94] p-Xylene	19.439	91	2532858	m
95] Bromoform	19.523	173	311621	
96] Styrene	20.108	104	767276	
97) Butyl Acrylate	20.389	55	37575	
98] 1,1,2,2-Tetrachloroethane	20.269	83	800776	
99] o-Xylene	20.281	91	2725723	
100] Nonane	20.798	57	576888	
101] Bromofluorobenzene	21.165	95	1767530	
102] Cumene	21.451	105	1961291	
103) Chlorotoluenes	0		0	
104] n-Propylbenzene	22.524	91	1445954	
105] m-Ethyltoluene	22.763	105	1437813	
106] 1,3,5-Trimethylbenzene	23.025	105	3937067	
107] 1,2,4-Trimethylbenzene	23.929	105	3795495	
108] Tert-Butyl Benzene	23.917	119	2637281	
109] 1-Ethyl-4-Methyl Benzene	22.846	105	2923967	
110] o-Ethyltoluene	23.426	105	1747200	
111] 1,3-Dichlorobenzene	24.23	146	1042007	
112] 1,4-Dichlorobenzene	24.386	146	1258794	
113] n-Decane	24.286	57	902391	
114] Sec-Butyl Benzene	24.52	105	2993694	
115] 1,2,3-Trimethylbenzene	24.844	105	1813142	
116] 1,2-Dichlorobenzene	25.067	146	1574584	
117] o-Cymene	25.246	119	3219433	
118] 1,3-Diethylbenzene	25.481	119	1474450	
119] 1,2-Diethylbenzene	25.648	119	1707989	
120] n-Butyl Benzene	25.682	91	3302415	

0.34 ppbv
0.47 ppbv # 85
0.57 ppbv 93
0.40 ppbv
0.65 ppbv # 84
0.56 ppbv # 94
0.63 ppbv 85
0.48 ppbv # 78
0.64 ppbv 98
0.53 ppbv # 93
0.46 ppbv # 87
0.46 ppbv 98
0.43 ppbv # 88
0.50 ppbv 100
0.41 ppbv # 87
0.84 ppbv # 90
0.90 ppbv 100
0.90 ppbv 97
0.84 ppbv 97
0.72 ppbv 97
0.73 ppbv
0.43 ppbv # 98
0.66 ppbv 94
No Calib
0.78 ppbv # 98
0.84 ppbv 98
0.79 ppbv # 89
Below Cal # 69
1.04 ppbv 98
N.D. d
0.74 ppbv 91
0.84 ppbv 98
0.93 ppbv # 1
0.86 ppbv # 96
1.11 ppbv 92
0.68 ppbv 98
0.69 ppbv 95
0.77 ppbv # 93
0.82 ppbv # 92
0.73 ppbv # 88
1.08 ppbv 93
0.93 ppbv 98
1.09 ppbv # 93
1.48 ppbv 98
1.10 ppbv 93
1.12 ppbv # 88
1.13 ppbv 94

73] Methyl Methacrylate	13.236	41	110035	m
74] Heptane	13.273	43	1552707	
75] cis-1,3-Dichloropropene	14.107	75	537722	
76] 4-Methy-2-Pentanone	14.218	43	693811	m
77] Methylcyclohexane	14.226	83	1053902	
78] trans-1,3-Dichloropropene	14.904	75	198194	
79] 1,1,2-Trichloroethane	15.115	97	559015	
80] 2,3,4-Trimethylpentane	15.289	43	1406550	
81] Toluene	15.529	91	3852405	
82] 2-Methylheptane	15.813	57	1060146	
83] 2-Hexanone	16.116	43	857754	
84] Dibromochloromethane	16.175	129	858917	
85] 3-Methylheptane	16.116	43	859421	
86] 1,2-Dibromoethane	16.586	107	415925	
87] Octane	17.085	43	952481	
88] Tetrachloroethene	17.29	166	1367422	
90] 1,1,1,2-Tetrachloroethane	18.393	131	987337	
91] Chlorobenzene	18.429	112	1267886	
92] Ethylbenzene	19.103	91	4329524	
93] m-Xylene	19.409	91	2724612	
94] p-Xylene	19.442	91	3581108	m
95] Bromoform	19.523	173	387091	
96] Styrene	20.108	104	1213246	
97) Butyl Acrylate	0		0	
98] 1,1,2,2-Tetrachloroethane	20.269	83	1082207	
99] o-Xylene	20.281	91	3978252	
100] Nonane	20.793	57	939746	
101] Bromofluorobenzene	21.17	95	2414279	
102] Cumene	21.451	105	3027951	
103) Chlorotoluenes	0		0	
104] n-Propylbenzene	22.518	91	2461354	
105] m-Ethyltoluene	22.763	105	2357584	
106] 1,3,5-Trimethylbenzene	23.025	105	5764884	
107] 1,2,4-Trimethylbenzene	23.929	105	5672178	
108] Tert-Butyl Benzene	23.906	119	3941498	
109] 1-Ethyl-4-Methyl Benzene	22.846	105	4383704	
110] o-Ethyltoluene	23.426	105	2720254	
111] 1,3-Dichlorobenzene	24.23	146	1590644	
112] 1,4-Dichlorobenzene	24.386	146	1923515	
113] n-Decane	24.286	57	1462316	
114] Sec-Butyl Benzene	24.52	105	4600957	
115] 1,2,3-Trimethylbenzene	24.833	105	2908940	
116] 1,2-Dichlorobenzene	25.067	146	2388545	
117] o-Cymene	25.235	119	4858862	
118] 1,3-Diethylbenzene	25.481	119	2175114	
119] 1,2-Diethylbenzene	25.648	119	2463950	
120] n-Butyl Benzene	25.682	91	4629306	

0.37 ppbv
0.50 ppbv # 86
0.59 ppbv 92
0.48 ppbv
0.71 ppbv # 83
0.54 ppbv 93
0.60 ppbv # 83
0.54 ppbv # 77
0.69 ppbv 99
0.61 ppbv # 91
0.50 ppbv # 87
0.41 ppbv 99
0.49 ppbv # 89
0.44 ppbv 100
0.48 ppbv # 84
0.80 ppbv # 89
0.87 ppbv 100
0.89 ppbv 95
0.96 ppbv 97
0.77 ppbv 96
0.78 ppbv
0.40 ppbv # 98
0.74 ppbv 92
N.D. d
0.79 ppbv # 98
0.91 ppbv 97
0.96 ppbv # 91
0.97 ppbv # 74
1.20 ppbv 99
N.D. d
0.92 ppbv # 89
1.03 ppbv 98
1.03 ppbv # 1
0.96 ppbv # 96
1.24 ppbv 91
0.76 ppbv 97
0.80 ppbv 95
0.88 ppbv # 92
0.95 ppbv # 91
0.89 ppbv # 90
1.25 ppbv 95
1.11 ppbv 98
1.24 ppbv # 93
1.66 ppbv 100
1.21 ppbv 94
1.21 ppbv 90
1.19 ppbv 94

73] Methyl Methacrylate	13.236	41	28355	m
74] Heptane	13.273	43	373210	
75] cis-1,3-Dichloropropene	14.099	75	99473	
76] 4-Methy-2-Pentanone	14.218	43	171348	m
77] Methylcyclohexane	14.226	83	161983	
78] trans-1,3-Dichloropropene	14.897	75	47003	m
79] 1,1,2-Trichloroethane	15.115	97	108389	m
80] 2,3,4-Trimethylpentane	15.289	43	307230	
81] Toluene	15.529	91	602014	
82] 2-Methylheptane	15.813	57	198651	
83] 2-Hexanone	16.116	43	195264	
84] Dibromochloromethane	16.165	129	197255	
85] 3-Methylheptane	16.116	43	195836	
86] 1,2-Dibromoethane	16.576	107	89649	
87] Octane	17.085	43	203235	
88] Tetrachloroethene	17.29	166	216275	
90] 1,1,1,2-Tetrachloroethane	18.393	131	207314	
91] Chlorobenzene	18.429	112	212745	
92] Ethylbenzene	19.103	91	684949	
93] m-Xylene	19.422	91	524136	m
94] p-Xylene	19.439	91	748491	m
95] Bromoform	19.52	173	89824	
96] Styrene	20.109	104	158599	
97) Butyl Acrylate	20.401	55	11807	
98] 1,1,2,2-Tetrachloroethane	20.27	83	256120	
99] o-Xylene	20.281	91	769328	
100] Nonane	20.793	57	193079	
101] Bromofluorobenzene	21.165	95	525499	
102] Cumene	21.452	105	481824	
103) Chlorotoluenes	0		0	
104] n-Propylbenzene	22.518	91	385594	
105] m-Ethyltoluene	22.763	105	339958	
106] 1,3,5-Trimethylbenzene	23.019	105	1070283	
107] 1,2,4-Trimethylbenzene	23.929	105	1078138	
108] Tert-Butyl Benzene	23.906	119	665680	
109] 1-Ethyl-4-Methyl Benzene	22.84	105	787026	
110] o-Ethyltoluene	23.415	105	437667	
111] 1,3-Dichlorobenzene	24.23	146	260561	m
112] 1,4-Dichlorobenzene	24.375	146	320670	
113] n-Decane	24.286	57	343899	
114] Sec-Butyl Benzene	24.521	105	820454	
115] 1,2,3-Trimethylbenzene	24.833	105	477089	
116] 1,2-Dichlorobenzene	25.056	146	392133	
117] o-Cymene	25.246	119	802587	
118] 1,3-Diethylbenzene	25.481	119	364460	
119] 1,2-Diethylbenzene	25.648	119	435201	
120] n-Butyl Benzene	25.671	91	1094256	

0.44 ppbv
0.79 ppbv # 93
0.71 ppbv 94
0.76 ppbv
0.75 ppbv 90
0.71 ppbv
0.78 ppbv
0.81 ppbv # 89
0.73 ppbv 98
0.78 ppbv 84
0.68 ppbv # 86
0.63 ppbv 100
0.75 ppbv 87
0.59 ppbv 98
0.70 ppbv 93
0.86 ppbv # 93
0.79 ppbv 100
0.57 ppbv 97
0.69 ppbv 94
0.66 ppbv
0.71 ppbv
0.41 ppbv 99
0.51 ppbv 87
No Calib
0.82 ppbv # 98
0.78 ppbv 87
0.87 ppbv 99
Below Cal # 89
0.85 ppbv 96
N.D. d
0.66 ppbv 100
0.66 ppbv 98
0.83 ppbv # 3
0.80 ppbv # 94
0.91 ppbv 87
0.60 ppbv 90
0.57 ppbv 94
0.63 ppbv
0.68 ppbv 97
0.92 ppbv 96
0.97 ppbv 100
0.80 ppbv 94
0.88 ppbv 98
1.21 ppbv 97
0.89 ppbv 98
0.93 ppbv 93
1.24 ppbv # 93

73] Methyl Methacrylate	13.248	41	18418	m
74] Heptane	13.297	43	362608	
75] cis-1,3-Dichloropropene	14.123	75	97818	
76] 4-Methy-2-Pentanone	14.242	43	159251	m
77] Methylcyclohexane	14.25	83	158778	
78] trans-1,3-Dichloropropene	14.926	75	43123	m
79] 1,1,2-Trichloroethane	15.137	97	104240	
80] 2,3,4-Trimethylpentane	15.313	43	256999	m
81] Toluene	15.548	91	577746	
82] 2-Methylheptane	15.832	57	192718	
83] 2-Hexanone	16.135	43	186735	
84] Dibromochloromethane	16.184	129	194936	
85] 3-Methylheptane	16.135	43	187401	
86] 1,2-Dibromoethane	16.605	107	84983	
87] Octane	17.104	43	194056	
88] Tetrachloroethene	17.31	166	212372	
90] 1,1,1,2-Tetrachloroethane	18.411	131	203628	
91] Chlorobenzene	18.447	112	205803	
92] Ethylbenzene	19.123	91	685003	
93] m-Xylene	19.436	91	520046	m
94] p-Xylene	19.459	91	719545	m
95] Bromoform	19.543	173	89969	
96] Styrene	20.126	104	152348	
97) Butyl Acrylate	20.508	55	8102	
98] 1,1,2,2-Tetrachloroethane	20.287	83	255994	
99] o-Xylene	20.299	91	713576	
100] Nonane	20.814	57	183011	
101] Bromofluorobenzene	21.181	95	486432	
102] Cumene	21.467	105	458791	
103] Chlorotoluenes	22.536	91	376364	m
104] n-Propylbenzene	22.536	91	361454	
105] m-Ethyltoluene	22.78	105	311995	
106] 1,3,5-Trimethylbenzene	23.043	105	1021448	
107] 1,2,4-Trimethylbenzene	23.951	105	1021625	
108] Tert-Butyl Benzene	23.929	119	631726	
109] 1-Ethyl-4-Methyl Benzene	22.864	105	722226	
110] o-Ethyltoluene	23.437	105	411529	
111] 1,3-Dichlorobenzene	24.252	146	241246	
112] 1,4-Dichlorobenzene	24.398	146	289994	
113] n-Decane	24.308	57	321736	
114] Sec-Butyl Benzene	24.543	105	776582	
115] 1,2,3-Trimethylbenzene	24.855	105	449237	
116] 1,2-Dichlorobenzene	25.079	146	364093	
117] o-Cymene	25.257	119	764886	
118] 1,3-Diethylbenzene	25.492	119	349619	
119] 1,2-Diethylbenzene	25.659	119	415085	
120] n-Butyl Benzene	25.693	91	1047278	

0.39 ppbv
0.81 ppbv # 93
0.73 ppbv 93
0.74 ppbv
0.77 ppbv 93
0.69 ppbv
0.79 ppbv # 85
0.71 ppbv
0.74 ppbv 98
0.80 ppbv 88
0.68 ppbv # 86
0.65 ppbv 99
0.76 ppbv 89
0.59 ppbv 95
0.70 ppbv 93
0.89 ppbv # 93
0.85 ppbv 99
0.61 ppbv 98
0.73 ppbv 94
0.70 ppbv
0.74 ppbv
0.45 ppbv 99
0.52 ppbv 87
No Calib
0.89 ppbv # 99
0.78 ppbv 92
0.89 ppbv 99
Below Cal # 89
0.87 ppbv 97
0.70 ppbv
0.67 ppbv 100
0.65 ppbv 97
0.86 ppbv # 3
0.82 ppbv # 94
0.94 ppbv 88
0.59 ppbv 92
0.58 ppbv 100
0.63 ppbv 98
0.66 ppbv # 97
0.93 ppbv 96
0.99 ppbv 100
0.81 ppbv 93
0.88 ppbv 98
1.25 ppbv 97
0.92 ppbv 98
0.96 ppbv 91
1.28 ppbv 93

73] Methyl Methacrylate	13.192	41	23059	m
74] Heptane	13.277	43	324296	
75] cis-1,3-Dichloropropene	14.104	75	89148	
76] 4-Methy-2-Pentanone	14.23	43	140769	m
77] Methylcyclohexane	14.23	83	144331	
78] trans-1,3-Dichloropropene	14.894	75	39875	m
79] 1,1,2-Trichloroethane	15.119	97	99196	
80] 2,3,4-Trimethylpentane	15.294	43	243296	
81] Toluene	15.533	91	528748	
82] 2-Methylheptane	15.825	57	168286	
83] 2-Hexanone	16.125	43	159387	
84] Dibromochloromethane	16.175	129	187186	
85] 3-Methylheptane	16.125	43	159387	
86] 1,2-Dibromoethane	16.575	107	81419	
87] Octane	17.091	43	163074	
88] Tetrachloroethene	17.3	166	198091	
90] 1,1,1,2-Tetrachloroethane	18.396	131	191356	
91] Chlorobenzene	18.438	112	193732	
92] Ethylbenzene	19.114	91	597423	
93] m-Xylene	19.437	91	476382	m
94] p-Xylene	19.45	91	676336	m
95] Bromoform	19.531	173	86174	
96] Styrene	20.118	104	134076	
97) Butyl Acrylate	20.387	55	10999	m
98] 1,1,2,2-Tetrachloroethane	20.279	83	242468	
99] o-Xylene	20.291	91	662083	
100] Nonane	20.807	57	158995	
101] Bromofluorobenzene	21.173	95	468670	
102] Cumene	21.46	105	408897	
103] Chlorotoluenes	22.535	91	307052	
104] n-Propylbenzene	22.535	91	307052	
105] m-Ethyltoluene	22.772	105	270248	
106] 1,3,5-Trimethylbenzene	23.032	105	901916	
107] 1,2,4-Trimethylbenzene	23.942	105	900793	
108] Tert-Butyl Benzene	23.92	119	561720	
109] 1-Ethyl-4-Methyl Benzene	22.856	105	643520	
110] o-Ethyltoluene	23.428	105	350699	
111] 1,3-Dichlorobenzene	24.243	146	220773	m
112] 1,4-Dichlorobenzene	24.4	146	260195	
113] n-Decane	24.299	57	271352	
114] Sec-Butyl Benzene	24.534	105	681092	
115] 1,2,3-Trimethylbenzene	24.857	105	366411	
116] 1,2-Dichlorobenzene	25.081	146	320864	
117] o-Cymene	25.259	119	662058	
118] 1,3-Diethylbenzene	25.494	119	306458	
119] 1,2-Diethylbenzene	25.661	119	372043	
120] n-Butyl Benzene	25.684	91	937339	

0.58 ppbv
1.53 ppbv # 85
0.90 ppbv 90
1.26 ppbv
0.96 ppbv # 80
0.73 ppbv
0.91 ppbv # 87
1.29 ppbv # 77
0.80 ppbv 100
1.13 ppbv # 85
1.03 ppbv # 96
0.68 ppbv 100
1.32 ppbv # 76
0.72 ppbv 99
1.13 ppbv # 79
0.67 ppbv # 91
0.77 ppbv 99
0.68 ppbv 95
0.68 ppbv 92
0.66 ppbv
0.86 ppbv
0.38 ppbv # 96
0.46 ppbv 90
0.53 ppbv
1.12 ppbv # 94
0.79 ppbv 89
1.03 ppbv # 88
Below Cal # 80
0.70 ppbv 96
0.64 ppbv # 100
0.57 ppbv # 86
0.45 ppbv 94
0.65 ppbv 92
0.62 ppbv # 94
0.60 ppbv # 86
0.50 ppbv 96
0.52 ppbv 94
0.39 ppbv
0.40 ppbv 96
1.00 ppbv 91
0.65 ppbv 94
0.54 ppbv 96
0.54 ppbv # 93
0.68 ppbv 97
0.59 ppbv 93
0.64 ppbv 93
0.88 ppbv # 86

73) Methyl Methacrylate	0		0
74) Heptane	0		0
75) cis-1,3-Dichloropropene	0		0
76) 4-Methy-2-Pentanone	0		0
77) Methylcyclohexane	0		0
78) trans-1,3-Dichloropropene	0		0
79) 1,1,2-Trichloroethane	0		0
80) 2,3,4-Trimethylpentane	0		0
81) Toluene	0		0
82) 2-Methylheptane	0		0
83) 2-Hexanone	0		0
84) Dibromochloromethane	0		0
85) 3-Methylheptane	0		0
86) 1,2-Dibromoethane	0		0
87) Octane	0		0
88) Tetrachloroethene	0		0
90) 1,1,1,2-Tetrachloroethane	0		0
91) Chlorobenzene	0		0
92) Ethylbenzene	0		0
93) m-Xylene	0		0
94) p-Xylene	0		0
95) Bromoform	0		0
96) Styrene	0		0
97) Butyl Acrylate	0		0
98) 1,1,2,2-Tetrachloroethane	0		0
99) o-Xylene	0		0
100) Nonane	0		0
101] Bromofluorobenzene	21.202	95	90930
102) Cumene	0		0
103) Chlorotoluenes	0		0
104) n-Propylbenzene	0		0
105) m-Ethyltoluene	0		0
106) 1,3,5-Trimethylbenzene	0		0
107) 1,2,4-Trimethylbenzene	0		0
108) Tert-Butyl Benzene	0		0
109) 1-Ethyl-4-Methyl Benzene	0		0
110) o-Ethyltoluene	0		0
111) 1,3-Dichlorobenzene	0		0
112) 1,4-Dichlorobenzene	0		0
113) n-Decane	0		0
114) Sec-Butyl Benzene	0		0
115) 1,2,3-Trimethylbenzene	0		0
116) 1,2-Dichlorobenzene	0		0
117) o-Cymene	0		0
118) 1,3-Diethylbenzene	0		0
119) 1,2-Diethylbenzene	0		0
120) n-Butyl Benzene	0		0

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73) Methyl Methacrylate	0		0
74) Heptane	0		0
75) cis-1,3-Dichloropropene	0		0
76) 4-Methy-2-Pentanone	0		0
77) Methylcyclohexane	0		0
78) trans-1,3-Dichloropropene	0		0
79) 1,1,2-Trichloroethane	0		0
80) 2,3,4-Trimethylpentane	0		0
81) Toluene	0		0
82) 2-Methylheptane	0		0
83) 2-Hexanone	0		0
84) Dibromochloromethane	0		0
85) 3-Methylheptane	0		0
86) 1,2-Dibromoethane	0		0
87) Octane	0		0
88) Tetrachloroethene	0		0
90) 1,1,1,2-Tetrachloroethane	0		0
91) Chlorobenzene	0		0
92) Ethylbenzene	0		0
93) m-Xylene	0		0
94) p-Xylene	0		0
95) Bromoform	0		0
96) Styrene	0		0
97) Butyl Acrylate	0		0
98) 1,1,2,2-Tetrachloroethane	0		0
99) o-Xylene	0		0
100] Nonane	21.195	57	5526
101] Bromofluorobenzene	21.195	95	140085
102) Cumene	0		0
103) Chlorotoluenes	0		0
104) n-Propylbenzene	0		0
105) m-Ethyltoluene	0		0
106) 1,3,5-Trimethylbenzene	0		0
107) 1,2,4-Trimethylbenzene	0		0
108) Tert-Butyl Benzene	0		0
109) 1-Ethyl-4-Methyl Benzene	0		0
110) o-Ethyltoluene	0		0
111) 1,3-Dichlorobenzene	0		0
112) 1,4-Dichlorobenzene	0		0
113) n-Decane	0		0
114) Sec-Butyl Benzene	0		0
115) 1,2,3-Trimethylbenzene	0		0
116) 1,2-Dichlorobenzene	0		0
117) o-Cymene	0		0
118) 1,3-Diethylbenzene	0		0
119) 1,2-Diethylbenzene	0		0
120) n-Butyl Benzene	0		0

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73) Methyl Methacrylate	0		0	
74) Heptane	0		0	
75) cis-1,3-Dichloropropene	0		0	
76] 4-Methy-2-Pentanone	14.186	43	282869	m
77] Methylcyclohexane	14.194	83	10027	m
78) trans-1,3-Dichloropropene	0		0	
79) 1,1,2-Trichloroethane	0		0	
80) 2,3,4-Trimethylpentane	0		0	
81) Toluene	0		0	
82) 2-Methylheptane	0		0	
83) 2-Hexanone	0		0	
84) Dibromochloromethane	0		0	
85) 3-Methylheptane	0		0	
86) 1,2-Dibromoethane	0		0	
87) Octane	0		0	
88) Tetrachloroethene	0		0	
90) 1,1,1,2-Tetrachloroethane	0		0	
91) Chlorobenzene	0		0	
92) Ethylbenzene	0		0	
93) m-Xylene	0		0	
94) p-Xylene	0		0	
95) Bromoform	0		0	
96) Styrene	0		0	
97) Butyl Acrylate	0		0	
98) 1,1,2,2-Tetrachloroethane	0		0	
99) o-Xylene	0		0	
100) Nonane	0		0	
101] Bromofluorobenzene	21.186	95	973581	
102] Cumene	21.473	105	1003	m
103) Chlorotoluenes	0		0	
104) n-Propylbenzene	0		0	
105) m-Ethyltoluene	0		0	
106) 1,3,5-Trimethylbenzene	0		0	
107] 1,2,4-Trimethylbenzene	24.107	105	7885	m
108) Tert-Butyl Benzene	0		0	
109] 1-Ethyl-4-Methyl Benzene	23.013	105	1681	m
110) o-Ethyltoluene	0		0	
111) 1,3-Dichlorobenzene	0		0	
112) 1,4-Dichlorobenzene	0		0	
113] n-Decane	24.387	57	2548	m
114) Sec-Butyl Benzene	0		0	
115] 1,2,3-Trimethylbenzene	24.922	105	3645	m
116) 1,2-Dichlorobenzene	0		0	
117] o-Cymene	25.313	119	2631	
118) 1,3-Diethylbenzene	0		0	
119] 1,2-Diethylbenzene	25.749	119	3678	m
120) n-Butyl Benzene	0		0	

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0.35 ppbv
0.03 ppbv
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0.05 ppbv
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N.D. d
Below Cal
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Below Cal
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0.02 ppbv
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0.07 ppbv # 46
N.D. d
0.02 ppbv
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121] Undecane	26.676	57
122] 1,2,4-Trichlorobenzene	27.942	180
123] Naphthalene	28.089	128
124] Dodecane	28.264	57
125] Hexachlorobutadiene	28.614	225

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed Apr 24 22:10:33 2019

78231	0.33 ppbv	100
85280	0.47 ppbv	99
118193	0.49 ppbv	100
21436	0.16 ppbv #	81
226292	0.64 ppbv	99

121] Undecane	26.678	57	177737
122] 1,2,4-Trichlorobenzene	27.943	180	348735
123] Naphthalene	28.082	128	1012845
124] Dodecane	28.257	57	120657
125] Hexachlorobutadiene	28.607	225	573592

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_072518cal.M Tue Aug 07 00:56:17 2007

0.73 ppbv	99
0.74 ppbv	99
0.94 ppbv	100
0.56 ppbv	97
0.82 ppbv	98

121] Undecane	26.675	57	854933
122] 1,2,4-Trichlorobenzene	27.94	180	1497306
123] Naphthalene	28.079	128	4704579
124] Dodecane	28.254	57	549446
125] Hexachlorobutadiene	28.613	225	1912366

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_072518cal.M Tue Aug 07 01:03:56 2007

0.65 ppbv #	87
1.23 ppbv	97
2.54 ppbv	100
0.45 ppbv #	88
1.30 ppbv	100

121] Undecane	26.675	57	1272413
122] 1,2,4-Trichlorobenzene	27.94	180	1922264
123] Naphthalene	28.079	128	6293609
124] Dodecane	28.254	57	734008
125] Hexachlorobutadiene	28.613	225	2360416

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0.72	ppbv #	88
1.18	ppbv	97
2.55	ppbv	100
0.45	ppbv #	89
1.19	ppbv	100

121] Undecane	26.675	57	289764
122] 1,2,4-Trichlorobenzene	27.941	180	276702
123] Naphthalene	28.079	128	833502
124] Dodecane	28.254	57	160109
125] Hexachlorobutadiene	28.604	225	472408

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_072518cal.M Tue Aug 07 04:48:51 2007

0.72 ppbv	99
0.77 ppbv	96
1.51 ppbv	100
0.43 ppbv	99
1.02 ppbv	100

121] Undecane	26.686	57	274373
122] 1,2,4-Trichlorobenzene	27.95	180	258685
123] Naphthalene	28.097	128	771852
124] Dodecane	28.272	57	146798
125] Hexachlorobutadiene	28.613	225	453665

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_072518cal.M Tue Aug 07 04:53:29 2007

0.73 ppbv	97
0.78 ppbv	96
1.51 ppbv	100
0.43 ppbv	99
1.07 ppbv	99

121] Undecane	26.677	57	239445
122] 1,2,4-Trichlorobenzene	27.952	180	239014
123] Naphthalene	28.09	128	702742
124] Dodecane	28.265	57	127247
125] Hexachlorobutadiene	28.615	225	422043

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_072518cal.M Mon Dec 10 10:44:39 2018

0.81 ppbv	89
0.50 ppbv	97
0.59 ppbv	100
0.49 ppbv #	88
0.52 ppbv	97

121) Undecane	0	0
122) 1,2,4-Trichlorobenzene	0	0
123) Naphthalene	0	0
124) Dodecane	0	0
125) Hexachlorobutadiene	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri Aug 23 15:15:16 2019

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121) Undecane	0		0	
122] 1,2,4-Trichlorobenzene	28.098	180	688	m
123) Naphthalene	0		0	
124) Dodecane	0		0	
125] Hexachlorobutadiene	28.614	225	758	m

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri Aug 23 15:42:09 2019

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0.09 ppbv
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121] Undecane	26.709	57	12175	m
122] 1,2,4-Trichlorobenzene	28.042	180	2502	m
123] Naphthalene	28.291	128	30251	m
124] Dodecane	28.272	57	29642	m
125] Hexachlorobutadiene	28.623	225	1794	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Fri Aug 23 16:36:55 2019

0.02 ppbv
0.08 ppbv
0.13 ppbv
0.04 ppbv
Below Cal # 19

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PFAS Blank Certification Samples 2018

Note: Daily cals are missing TO15 PLUS compounds

Compound			
Internal Standards			
Bromochloromethane			
1,4-Difluorobenzene			
Chlorobenzene-d5	CFs	072518 cal	
	2018	low quad	
Target Compounds		x2	x1
Propylene	2.072	1.56770998	5.72438634
Propane	1.064	80.4781234	35.92495758
Dichlorodifluoromethane	0.95	4.696657864	2.518001307
Chloromethane	1.07	7.747076559	8.142635592
Isobutane	1.03	48.47687327	6.63637488
Dichlorotetrafluoroethane	0.95	3.064095009	1.651748545
Vinyl Chloride	1.02	4.570259993	6.214704776
1-Butene	1.044	5.241315857	5.950154238
1,3-Butadiene	2.07	2.152801242	5.175600782
Butane	1.054	3.466373758	5.015750041
trans-2-butene	1.061	3.559113695	6.930151662
Bromomethane	0.96	3.899598638	5.59586255
cis-2-butene	1.049	3.932584482	6.359411631
Chloroethane	0.99	18.52956254	11.56798545
Ethanol	0.94	46.17947374	9.728556777
Vinyl Bromide	1.06	3.509155172	4.925326622
Acetonitrile	0.99	10.44907687	11.10540727
Acrolein	1.07	115.5233495	30.39917689
Acetone	1.08	0.288345437	2.256331901
iso-Pentane	0.953	5.575666746	5.480418178
Trichlorofluoromethane	0.94	0.368302703	1.390459746
Isopropyl Alcohol	1.1	101.6191751	7.860400828
1-Pentene	0.917	2.944884438	7.522628603

				CF	021319 cal	
	high quad			2019	low quad	
xo	x2	x1	xo		x2	x1
-0.058282394	0.265874683	3.864023964	0.117074799	2.114583333	-0.013635623	0.930622648
-0.102717709	13.78519624	23.23542106	0.103396668	1.0625	1.0182124	3.329700923
0.005574601	0.863568109	1.566140162	0.214081057	1.044791667	0.108469351	0.574715956
-0.02356227	1.917448311	6.430112588	0.102750928	1.173958333	0.084681038	1.238370963
-0.012695863	8.082881014	5.338765541	0.17984025	1.097916667	0.250265865	0.674210881
0.018849739	0.478971468	1.454547138	0.176222978	1.05625	0.058256337	0.334318792
-0.003069295	0.748311233	5.655134452	0.07196232	1.083333333	0.060192194	1.187042227
-0.012189498	0.833149735	5.138858556	0.079281484	1.070833333	-0.018681976	0.885664016
-0.005467125	0.505914889	4.325162236	0.085913043	1.759375	0.0604144	0.777808173
-0.066594575	0.541239275	4.258384248	0.039159218	1.104166667	0.020136391	0.547726448
-0.014412216	0.821012961	5.528082957	0.083352161	1.080208333	0.038866935	0.805745924
-0.005280675	0.563178258	5.530882667	0.006518763	1.0125	0.196980651	1.411393268
-0.006239756	0.674270954	5.424141231	0.068048861	1.130208333	0.05169157	0.76362964
0.001765403	2.587880426	11.58338212	0.01146692	1.086458333	0.560626578	2.495160707
-0.026571115	4.962129566	7.838414303	0.134020124	1.145833333	0.53307874	1.068326202
-0.003035393	0.505985733	5.219220764	-0.002268437	1.042708333	0.213595393	1.699107809
-0.041231548	2.33323019	9.139217945	0.047437925	1.104166667	0.243844623	1.244515369
-0.037864158	15.96351538	27.29022648	0.027759459	1.145833333	0.720128276	3.126578945
-0.139894648	0.187171084	2.127603219	-0.102074121	0.969791667	0.015993235	0.383378336
-0.036808038	1.164857168	5.215588053	0.016108971	1.1125	0.084965903	0.875804658
-0.004896082	0.077188518	1.323311783	0.034910424	1.017708333	0.022524877	0.429380722
-0.064817605	5.999536317	8.551771514	0.099442645	0.271875	0.281755455	3.354997328
-0.010500335	0.52454522	4.900535935	0.099096916	1.098958333	0.043328953	0.768395986

QA: IS area response within 40% of MEAN ICAL
Highlighted cells are out of range

	MEAN ICAL 07/2018
IS1	525240.5333
IS2	1796761.067
IS3	746414.8

	021319 cal high quad			Nominal MDL TO15 2018
xo	x2	x1	xo	
-0.292316345	0.005717039	0.70328673	-0.173016604	0.003356242
-0.831023153	0.254905611	3.458822285	-0.810837739	0.019352848
0.002501351	0.027012027	0.438974133	0.107853433	0.003866751
-0.016323428	0.03611176	1.181268528	-0.031066291	0.008254613
-0.184829403	0.126732307	0.40211124	0.062179181	0.004046468
0.010976777	0.022749221	0.187676955	0.202597125	0.002400523
-0.006447857	0.072249413	0.947833346	0.033724399	0.005657225
-0.96055722	0.034641191	0.530016794	-0.575400187	0.007467189
0.00457254	0.036092534	0.63422762	0.058145033	0.005606108
-0.015198151	0.017798858	0.495945221	-0.006251118	0.005055853
-0.009870414	0.042132625	0.651185166	0.041165745	0.007866808
0.001157226	0.175674588	1.145344945	0.046238163	0.005659629
-0.011906479	0.042528925	0.649856511	0.01766783	0.012628333
-0.008245237	0.371672086	3.257185375	-0.218936511	0.010240069
-0.051791239	0.211985147	0.459527898	0.209621425	0.007836927
-0.003273607	0.149679885	1.326897362	0.055662227	0.007203949
-0.025847215	0.140691911	1.010499773	0.043154383	0.021606105
-0.043788459	0.575413379	2.425210732	0.036419193	0.007464306
-0.203920383	0.012450493	0.304955111	-0.098095321	0.003894138
-0.019880149	0.069185893	0.741298601	0.031961998	0.005762706
-0.005823536	0.019004869	0.314177799	0.092509668	0.002753041
-0.136595708	0.832305281	0.984293474	0.198798904	0.011911668
-0.012169846	0.046600007	0.594873181	0.061738671	0.022112381

			tuned MS	
		110618002.D	110618003.D	110618008.D
		Inst blank	1 ppb	10151802 S2 can 721
MEAN ICAL 02/2019				
225276.2667	%D	-43%	-4%	-38%
1057030.4	%D	-52%	-5%	-47%
696449.2	%D	-71%	-32%	-65%
		Respons	Ax	Ax
		---	---	
		298749	506486	323482
		863249	1704851	951794
actual MDL TO15	NOV-DEC18 DC CF due to lack of cal gas	216423	506260	261395
0.006954134	0.403301792	9875	151818	13772
0.020591431	0.272358132	7646	42342	12292
0.003673414	0.465610651	0	191199	660
0.008832435	0.445324466	0	72783	1326
0.004167862	0.401881686	0	62139	0
0.002280497	0.500868495	0	237740	0
0.00577037	0.55070679	0	90890	0
0.007795745	0.251648741	89531	248867	99435
0.011604643	0.551511294	0	120139	0
0.005328869	0.539458125	0	111237	0
0.008346684	0.530434078	0	92799	0
0.005433244	0.631927658	0	102190	0
0.013247122	0.548802302	0	91103	0
0.010137669	0.558349099	0	48222	0
0.007366711	1.602181084	0	46629	7662
0.007636186	0.929813635	0	76633	0
0.021390044	2.372430968	0	38565	0
0.007986807	0.563136737	0	11749	1726
0.004205669	0.665443008	38580	354792	94748
0.005491859	0.73120563	0	84177	0
0.002587859	0.870469424	413	354950	487
0.013102835	0.558680361	1092	61087	2772
0.020277054	0.6204842	0	76942	0

	cleaned source 11/7/18				
110618010.D	110818003.D	110818012.D	111318003.D	111318005.D	111318008.D
10091811	1 ppb	10041810	1 ppb DC	10041803	10041808
S6 can 404		S4 can Ambient		S15 can 723	S3 can 2504
-43%	402%	257%	283%	250%	192%
-50%	546%	306%	358%	279%	199%
-68%	319%	158%	213%	125%	83%
Ax	Ax	Ax	Ax	Respons	Ax
	---		---	---	
301926	2635427	1872732	2012018	1836973	1532702
892984	11605296	7296445	8224689	6814998	5363513
240491	3126152	1928263	2339328	1676604	1365735
12496	862323	109217	573853	85000	76548
9280	243105	79208	155989	70745	58363
577	623255	2198	505712	1850	2678
0	287901	10871	237686	8810	5877
0	578137	0	154910	35743	0
0	833729	0	628419	0	0
0	320797	0	278035	0	0
97707	1005650	449507	743053	436510	382931
0	480486	14894	371011	0	0
0	420030	0	323396	0	0
0	351960	0	269224	0	0
0	371085	0	314716	0	0
0	352601	0	275627	1393	0
0	184844	0	158807	2303	0
6615	191699	25448	153595	27983	41426
0	274621	15781	246198	0	3226
0	254345	11636	150828	16262	16736
1566	85253	38618	55099	19223	15074
93696	1546363	1039708	1086818	765439	607559
0	444881	0	316721	21209	0
447	1086475	1327	972106	1934	1731
1519	366164	41328	283554	18528	32917
0	549885	0	368000	0	0

111318010.D	111318012.D	111318014.D	111418004.D	111418008.D	111418010.D	111418012.D
10041811	10041809	10041807	1 ppb	10091808	10091801	10091807
System blk can BTP1	S4 can A378	S10 can 2521		S7 can 751	S8 can MTC48	S14 can 723
182%	176%	163%	-16%	-44%	-46%	-45%
185%	171%	151%	-6%	-44%	-48%	-48%
100%	72%	52%	-5%	-54%	-52%	-51%
Ax	Ax	Ax	Ax	Ax	Ax	Ax

1480076	1448952	1381863	439437	292492	282704	289265
5127555	4860468	4509352	1689008	997686	930259	941851
1493331	1281611	1134132	711097	344165	359433	363759
72439	70370	63815	227164	31610	0	0
60165	54342	56076	59813	0	24833	0
1813	2407	5124	205369	0	0	0
21772	5462	5902	124831	0	0	0
0	0	0	91290	0	0	0
0	0	0	298582	0	0	0
0	0	0	138342	0	0	0
354674	344866	320642	413493	186951	168751	168438
12792	11713	0	184393	0	0	0
0	0	10116	175938	0	0	0
0	0	321724	147353	0	0	0
8685	0	0	130961	0	0	0
0	0	0	148529	0	0	0
4010	756	0	73285	0	0	0
21275	40426	70883	79301	25736	11441	14956
7297	3798	4154	98319	0	0	0
196819	0	11953	85382	29198	0	10222
29404	31809	9910	12294	15318	0	13106
531497	1120168	251078	404047	550222	172791	303724
0	0	7925	118587	0	0	0
0	1999	4211	355431	0	0	0
14969	53386	8837	80017	0	0	6583
0	0	0	116665	0	0	0

111418017.D	111418021.D	111518004.D	111518007.D	111518010.D	111618007.D	111618002.D
10151801	10091805	1 ppb	10041805	10091810	1 ppb	10151803
BBlk #1 can 068	S9 can 700		S5 can 262	S12 can 793		FB can 021
-19%	-20%	-21%	-16%	-18%	-21%	-16%
-21%	-21%	-10%	-14%	-20%	-13%	-16%
-36%	-34%	-12%	-24%	-33%	-17%	-26%
Ax	Ax	Ax	Ax	Ax	Ax	Ax
		---			---	
426438	421407	416875	441695	432404	413932	438877
1427120	1424464	1608477	1538394	1441742	1566060	1508200
474414	491549	659828	565617	501476	618533	554465
39932	41678	204821	46315	42350	213131	42127
30696	28749	55351	31029	30416	58684	31531
1114	1075	186628	2760	1359	184194	1570
5106	2404	116527	4542	3466	106224	3874
16819	13898	83799	28607	0	72988	17758
0	0	279199	0	0	256455	0
0	0	129446	0	0	113339	0
254694	242480	373902	265047	245107	322009	253345
0	0	169300	8188	0	150684	0
3188	0	177172	4429	3529	140787	0
0	0	130322	0	950	116084	0
0	0	122110	0	17089	110777	0
0	0	134509	0	2149	116674	0
1021	0	68615	0	545	60139	997
17284	14223	70531	46799	20724	61618	21749
0	0	120000	1326	499	82939	1531
6565	6864	84544	24622	0	70690	10256
4468	5141	13558	22173	25586	15295	11824
315803	397453	377561	1926520	283163	335519	630705
0	10350	113174	0	0	98577	0
609	460	334910	2293	1068	301668	1104
6092	12435	73854	43139	4704	61196	7804
0	0	112953	0	0	97139	0

111618004.D	030719002.D	030719003.D	030719004.D	030719007.D
10091809	Inst blank	1 ppb	030419blankRK9	030419blank321
Trip Blank can RK8			S16-can 321	S13 can RK9
-15%	-36%	-30%	-36%	-40%
-14%	-42%	-30%	-41%	-43%
-25%	-60%	-40%	-57%	-54%
Ax	Ax	Ax	Ax	Ax
	---	---		
448525	145262	156979	145242	134062
1547630	617805	736534	621227	603208
561236	276199	414573	298763	320317
44669	43491	204026	59970	41503
31860	32598	73867	44894	28976
0	0	195333	534	1394
4737	0	110112	0	0
24502	33689	181290	44397	37888
0	0	314166	0	1378
0	0	120541	0	1026
256438	144644	351984	174934	149402
0	5055	164662	0	0
0	6001	238705	2109	9570
0	0	168627	0	0
0	0	93676	0	716
0	0	168504	0	0
584	0	36269	0	0
22208	0	96514	108465	55910
2328	0	79707	0	655
6417	0	106446	0	9007
12420	0	38731	2430	1799
556645	34763	506264	170817	206606
0	0	153156	4096	9390
589	0	319008	349	2572
9358	2130	77495	5678	5684
0	0	178089	0	1471

110618002.D	110618003.D	110618008.D	110618010.D	110818003.D	110818012.D	111318003.D
Inst blank	1 ppb	10151802	10091811	1 ppb	10041810	1 ppb DC
Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais
0.011439341	0.089050597	0.014469518	0.013993532	0.074304266	0.014968522	0.069772
0.008857236	0.024836188	0.012914559	0.010392123	0.020947764	0.010855698	0.018965945
0	0.112149977	0.000693427	0.000646148	0.05370436	0.000301243	0.061487067
0	0.042691707	0.001393159	0	0.024807726	0.001489904	0.028899087
0	0.036448347	0	0	0.049816653	0	0.018834755
0	0.139449137	0	0	0.071840391	0	0.076406415
0	0.053312577	0	0	0.027642294	0	0.033804926
0.103713992	0.145975807	0.104471136	0.109416294	0.086654403	0.061606303	0.090344206
0	0.070468915	0	0	0.041402305	0.002041268	0.045109426
0	0.065247344	0	0	0.036192959	0	0.039320149
0	0.054432323	0	0	0.030327533	0	0.032733639
0	0.059940722	0	0	0.031975488	0	0.03826479
0	0.053437514	0	0	0.030382767	0	0.033512149
0	0.02828517	0	0	0.015927556	0	0.019308572
0	0.027350777	0.008050061	0.007407748	0.016518234	0.003487726	0.01867487
0	0.044949969	0	0	0.023663421	0.002162834	0.029934019
0	0.022620745	0	0	0.021916287	0.001594749	0.018338444
0	0.006891511	0.001813418	0.001753671	0.007346043	0.005292714	0.00669922
0.044691624	0.208107336	0.099546751	0.104924612	0.133246321	0.142495147	0.132140924
0	0.049374989	0	0	0.038334309	0	0.038508569
0.000478425	0.208200013	0.000511665	0.000500569	0.093618896	0.000181869	0.118193648
0.001264988	0.035831284	0.002912395	0.001701038	0.031551457	0.005664128	0.034475954
0	0.045131217	0	0	0.047382247	0	0.044743333

111318005.D	111318008.D	111318010.D	111318012.D	111318014.D	111418004.D	111418008.D
10041803	10041808	10041811	10041809	10041807	1 ppb	10091808
Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais
0.012472491	0.014271989	0.014127396	0.01447803	0.014151701	0.134495515	0.031683315
0.010380781	0.010881488	0.011733663	0.011180405	0.01243549	0.035413095	0
0.00027146	0.0004993	0.00035358	0.00049522	0.001136305	0.12159149	0
0.001292737	0.001095737	0.004246078	0.00112376	0.001308836	0.07390788	0
0.005244756	0	0	0	0	0.054049478	0
0	0	0	0	0	0.176779506	0
0	0	0	0	0	0.08190725	0
0.064051376	0.071395557	0.069170199	0.07095325	0.071106004	0.244814116	0.187384608
0	0	0.002494756	0.00240985	0	0.109172366	0
0	0	0	0	0.002243338	0.104166469	0
0	0	0	0	0.071345949	0.087242334	0
0	0	0.00169379	0	0	0.077537229	0
0.000204402	0	0	0	0	0.087938601	0
0.000337931	0	0.000782049	0.000155541	0	0.043389374	0
0.004106091	0.007723669	0.004149151	0.008317306	0.01571911	0.046951228	0.025795691
0	0.000601471	0.001423095	0.000781406	0.000921197	0.058211092	0
0.002386208	0.003120343	0.038384571	0	0.002650713	0.050551566	0.029265721
0.00282069	0.002810471	0.005734507	0.006544432	0.002197655	0.007278829	0.015353528
0.112316834	0.113276317	0.103655056	0.23046505	0.055679397	0.239221484	0.551498167
0.003112107	0	0	0	0.001757459	0.070211035	0
0.000283786	0.000322736	0	0.000411277	0.000933837	0.210437724	0
0.00271871	0.006137209	0.002919325	0.010983716	0.001959705	0.047375146	0
0	0	0	0	0	0.069073089	0

111418010.D	111418012.D	111418017.D	111418021.D	111518004.D	111518007.D	111518010.D
10091801	10091807	10151801	10091805	1 ppb	10041805	10091810
Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais
0	0	0.027980829	0.029258725	0.12733847	0.030106072	0.029374188
0.026694716	0	0.021509053	0.020182328	0.034412056	0.020169735	0.021096701
0	0	0.000780593	0.00075467	0.11602777	0.001794079	0.00094261
0	0	0.003577835	0.001687652	0.072445549	0.00295243	0.002404036
0	0	0.011785274	0.009756652	0.052098351	0.018595366	0
0	0	0	0	0.173579728	0	0
0	0	0	0	0.080477371	0	0
0.181402169	0.178837205	0.178467123	0.170225432	0.232457163	0.172288113	0.170007533
0	0	0	0	0.105254847	0.005322434	0
0	0	0.00223387	0	0.110148917	0.002878976	0.002447733
0	0	0	0	0.081021985	0	0.000658925
0	0	0	0	0.075916535	0	0.011853022
0	0	0	0	0.083625069	0	0.001490558
0	0	0.000715427	0	0.042658366	0	0.000378015
0.012298725	0.015879369	0.012111105	0.009984808	0.043849555	0.030420685	0.014374278
0	0	0	0	0.074604735	0.000861938	0.000346109
0	0.010853097	0.004600174	0.004818655	0.052561522	0.016005003	0
0	0.013915152	0.003130781	0.003609077	0.008429092	0.014413083	0.017746587
0.185745045	0.322475636	0.221286928	0.279019336	0.234731986	1.252292976	0.196403379
0	0	0	0.007265891	0.070360969	0	0
0	0	0.000426734	0.000322928	0.208215598	0.001490515	0.000740771
0	0.006989428	0.004268737	0.008729599	0.045915484	0.028041581	0.00326272
0	0	0	0	0.070223572	0	0

111618007.D	111618002.D	111618004.D	030719002.D	030719003.D	030719004.D
1 ppb	10151803	10091809	Inst blank	1 ppb	030419blankRK9
Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais	Ax/Ais
0.136093764	0.027931972	0.028862842	0.070395999	0.277008258	0.096534761
0.037472383	0.020906378	0.020586316	0.052764222	0.100290007	0.072266659
0.117616183	0.001040976	0	0	0.26520568	0.000859589
0.067828819	0.002568625	0.003060809	0	0.149500227	0
0.046606133	0.0117743	0.015831949	0.054530151	0.24613935	0.07146663
0.163758094	0	0	0	0.4265465	0
0.072372067	0	0	0	0.16365979	0
0.205617282	0.167978385	0.165697227	0.234125655	0.477892399	0.281594329
0.096218536	0	0	0.008182193	0.223563339	0
0.089898854	0	0	0.009713421	0.324092303	0.003394894
0.074124874	0	0	0	0.228946661	0
0.070736115	0	0	0	0.127184896	0
0.074501616	0	0	0	0.228779663	0
0.038401466	0.000661053	0.000377351	0	0.049242805	0
0.039345874	0.014420501	0.014349683	0	0.131038078	0.174598013
0.052960295	0.001015117	0.001504236	0	0.108219037	0
0.045138756	0.006800159	0.00414634	0	0.14452286	0
0.009766548	0.007839809	0.008025174	0	0.052585488	0.003911614
0.214244026	0.418183928	0.359675762	0.056268564	0.687359986	0.274967122
0.062945864	0	0	0	0.207941521	0.006593403
0.192628635	0.000731998	0.000380582	0	0.433120535	0.000561791
0.039076408	0.00517438	0.006046665	0.00344769	0.105215781	0.009139976
0.062027636	0	0	0	0.241793318	0

030719007.D	110618002.D	110618003.D	110618008.D	110618010.D	110818003.D
030419blank321	Inst blank	1 ppb	10151802	10091811	1 ppb
Ax/Ais	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc
0.068803796	0.002986838	0.187095566	0.010032108	0.008924656	0.151528328
0.048036498	0.060406766	0.228552899	0.102041669	0.07607241	0.18660463
0.002310977	0.002595594	0.161586058	0.003409625	0.003354056	0.071866145
0	-0.010492855	0.150600018	-0.005434406	-0.010492855	0.081585994
0.062810838	-0.005102235	0.117988315	-0.005102235	-0.005102235	0.176109024
0.002284452	0.00944124	0.154652778	0.00944124	0.00944124	0.076796124
0.001700906	-0.001690281	0.187924488	-0.001690281	-0.001690281	0.094838053
0.247679076	0.16641618	0.243615089	0.167757792	0.176557504	0.136588528
0	-0.003015181	0.204027396	-0.003015181	-0.003015181	0.117198853
0.015865174	-0.035924984	0.148581277	-0.035924984	-0.035924984	0.064454979
0	-0.007644731	0.198041411	-0.007644731	-0.007644731	0.105575327
0.001186987	-0.003337004	0.217478028	-0.003337004	-0.003337004	0.112253628
0	-0.003424393	0.189238645	-0.003424393	-0.003424393	0.10460555
0	0.000985711	0.191956192	0.000985711	0.000985711	0.106486021
0.092687763	-0.042571738	0.439090101	0.087698512	0.076952218	0.235084236
0.001085861	-0.00282235	0.209624749	-0.00282235	-0.00282235	0.107374562
0.014931831	-0.097819001	0.510850371	-0.097819001	-0.097819001	0.491512385
0.002982388	-0.021322699	0.099742022	0.009934938	0.008898274	0.107944097
0.342512036	-0.025605971	0.227682942	0.058274998	0.066560636	0.110378849
0.01556677	-0.026914244	0.18088595	-0.026914244	-0.026914244	0.132694485
0.004263869	-0.003682753	0.261630521	-0.00364251	-0.003655944	0.111859858
0.009422952	-0.03056634	0.194028329	-0.022941134	-0.028578022	0.158861219
0.002438628	-0.006515292	0.207864233	-0.006515292	-0.006515292	0.218751831

110818012.D	111318003.D	111318005.D	111318008.D	111318010.D	111318012.D	111318014.D
10041810	1 ppb DC	10041803	10041808	10041811	10041809	10041807
Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc
0.011193426	0.140652028	0.005387644	0.009572494	0.009236082	0.010051916	0.009292628
0.080824129	0.165479794	0.075956263	0.081088758	0.089849247	0.084158048	0.097088042
0.002948971	0.082951135	0.002914017	0.003181522	0.003010407	0.00317673	0.003930631
-0.005082635	0.097179813	-0.005799477	-0.006515445	0.004966112	-0.006413616	-0.005740958
-0.005102235	0.052041951	0.009421625	-0.005102235	-0.005102235	-0.005102235	-0.005102235
0.00944124	0.081612478	0.00944124	0.00944124	0.00944124	0.00944124	0.00944124
-0.001690281	0.116882619	-0.001690281	-0.001690281	-0.001690281	-0.001690281	-0.001690281
0.09418459	0.142974856	0.098250961	0.110559804	0.106815081	0.109814471	0.110071818
0.002816366	0.128161245	-0.003015181	-0.003015181	0.004113246	0.003870396	-0.003015181
-0.035924984	0.073358071	-0.035924984	-0.035924984	-0.035924984	-0.035924984	-0.029845579
-0.007644731	0.114706595	-0.007644731	-0.007644731	-0.007644731	-0.007644731	0.264231913
-0.003337004	0.135582355	-0.003337004	-0.003337004	0.002659611	-0.003337004	-0.003337004
-0.003424393	0.115958818	-0.002710927	-0.003424393	-0.003424393	-0.003424393	-0.003424393
0.000985711	0.129556473	0.003169581	0.000985711	0.006043274	0.001990594	0.000985711
0.012691136	0.274315108	0.022676962	0.082230148	0.023374439	0.092187663	0.220722305
0.007097906	0.13718823	-0.00282235	-6.66491E-05	0.003701517	0.000758199	0.001399164
-0.055739397	0.393677286	-0.034808886	-0.015366546	0.950016636	-0.097819001	-0.027806973
0.071105102	0.09628019	0.027482001	0.027303318	0.078985035	0.093497024	0.01661292
0.124754935	0.108662849	0.077967899	0.079450057	0.064603637	0.263133611	-0.008896654
-0.026914244	0.133447391	-0.014403574	-0.026914244	-0.026914244	-0.026914244	-0.019858965
-0.004041753	0.143272757	-0.003918383	-0.003871232	-0.00426189	-0.003764045	-0.003131338
-0.009517179	0.182666629	-0.023853614	-0.007122707	-0.022908406	0.018871299	-0.027388341
-0.006515292	0.20599002	-0.006515292	-0.006515292	-0.006515292	-0.006515292	-0.006515292

111418004.D	111418008.D	111418010.D	111418012.D	111418017.D	111418021.D	111518004.D
1 ppb	10091808	10091801	10091807	10151801	10091805	1 ppb
Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc
0.298435368	0.050275142	-0.023505394	-0.023505394	0.041587707	0.044584176	0.28072739
0.346009981	-0.027976003	0.248836789	-0.027976003	0.192618879	0.1784252	0.334683283
0.177481387	0.002595594	0.002595594	0.002595594	0.0035121	0.00348162	0.168067365
0.276350593	-0.010492855	-0.010492855	-0.010492855	0.002524948	-0.004363408	0.270309665
0.195963318	-0.005102235	-0.005102235	-0.005102235	0.029035435	0.022773656	0.186724724
0.203653653	0.00944124	0.00944124	0.00944124	0.00944124	0.00944124	0.19928593
0.295520845	-0.001690281	-0.001690281	-0.001690281	-0.001690281	-0.001690281	0.290042719
0.442555772	0.323825651	0.311957881	0.306898505	0.306169954	0.290038789	0.416274318
0.322757561	-0.003015181	-0.003015181	-0.003015181	-0.003015181	-0.003015181	0.31057803
0.266217631	-0.035924984	-0.035924984	-0.035924984	-0.029871277	-0.035924984	0.284802399
0.327426137	-0.007644731	-0.007644731	-0.007644731	-0.007644731	-0.007644731	0.302584238
0.285663829	-0.003337004	-0.003337004	-0.003337004	-0.003337004	-0.003337004	0.279319895
0.320176452	-0.003424393	-0.003424393	-0.003424393	-0.003424393	-0.003424393	0.303524795
0.300714265	0.000985711	0.000985711	0.000985711	0.005611931	0.000985711	0.295341922
0.852353014	0.408736214	0.160318691	0.223594927	0.157055418	0.120436892	0.783169976
0.274819558	-0.00282235	-0.00282235	-0.00282235	-0.00282235	-0.00282235	0.357000813
1.297402762	0.694471402	-0.097819001	0.191045472	0.023905503	0.029712789	1.355496436
0.106729519	0.256848283	-0.021322699	0.229486087	0.032910465	0.041308078	0.127596184
0.277070198	0.793320253	0.1924169	0.411045885	0.248557455	0.340782541	0.269921115
0.274541057	-0.026914244	-0.026914244	-0.026914244	-0.026914244	0.002417688	0.275227816
0.264639273	-0.00426189	-0.00426189	-0.00426189	-0.003745333	-0.003870999	0.261651465
0.299254093	-0.036212323	-0.036212323	-0.002745124	-0.016431854	0.0064497	0.285113174
0.324613242	-0.006515292	-0.006515292	-0.006515292	-0.006515292	-0.006515292	0.330276151

111518007.D	111518010.D	111618007.D	111618002.D	111618004.D	030719002.D
10041805	10091810	1 ppb	10151803	10091809	Inst blank
Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc
0.046572212	0.04485502	0.302398608	0.041473187	0.043655671	-0.226871807
0.178290849	0.188199155	0.369448846	0.186161729	0.182739003	-0.652499307
0.004706025	0.00370266	0.17074121	0.003818412	0.002595594	0.002501351
0.000243066	-0.001755605	0.251334643	-0.001155964	0.000638311	-0.016323428
0.051228929	-0.005102235	0.161515467	0.029001132	0.042005336	-0.147320407
0.00944124	0.00944124	0.186075595	0.00944124	0.00944124	0.010976777
-0.001690281	-0.001690281	0.259184348	-0.001690281	-0.001690281	-0.006447857
0.29405919	0.289614734	0.360577374	0.285671811	0.281252166	-0.754224602
0.01221082	-0.003015181	0.282623204	-0.003015181	-0.003015181	0.010940761
-0.028119588	-0.029290735	0.222434856	-0.035924984	-0.035924984	-0.009875953
-0.007644731	-0.00522171	0.275210386	-0.007644731	-0.007644731	-0.009870414
-0.003337004	0.038923634	0.25912884	-0.003337004	-0.003337004	0.001157226
-0.003424393	0.001782539	0.268569829	-0.003424393	-0.003424393	-0.011906479
0.000985711	0.003428778	0.264276702	0.005259956	0.003424486	-0.008245237
0.500062461	0.196766197	0.685249326	0.197585155	0.196330572	-0.051791239
0.001127436	-0.001236905	0.248868164	0.00182988	0.004073884	-0.003273607
0.330211931	-0.097819001	1.14195254	0.082489844	0.011850025	-0.025847215
0.238927746	0.302967881	0.152075136	0.116884633	0.120249191	-0.043788459
1.900396894	0.209201494	0.237394254	0.568349752	0.471769503	-0.182297598
-0.026914244	-0.026914244	0.241483164	-0.026914244	-0.026914244	-0.019880149
-0.002457128	-0.00336512	0.240782675	-0.003375742	-0.003801205	-0.005823536
0.131572965	-0.021279884	0.222079701	-0.011969241	-0.007582957	-0.125025369
-0.006515292	-0.006515292	0.290039609	-0.006515292	-0.006515292	-0.012169846

030719003.D	030719004.D	030719007.D	110618002.D	
1 ppb	030419blankRK9	030419blank321	Inst blank	
			Cal2018	Cal 2019
			>0	
Nom Conc	Nom Conc	Nom Conc		
-0.035572496	-0.202605979	-0.228350525	0.002986838	0
-0.486846157	-0.585079207	-0.66872645	0.060406766	0
0.162548375	0.00299545	0.003830086	0.002595594	0.002501351
0.17070596	-0.016323428	-0.016323428	0	0
-0.003717323	-0.135367596	-0.141494304	0	0
0.164178558	0.010976777	0.011740817	0.00944124	0.010976777
0.189435444	-0.006447857	-0.004428636	0	0
-0.54157173	-0.71264065	-0.742342819	0.16641618	0
0.181481478	0.00457254	0.00457254	0	0.010940761
0.164430817	-0.013338445	-0.006503307	0	0
0.176639696	-0.009870414	-0.009870414	0	0
0.18385149	0.001157226	0.002832809	0	0.001157226
0.165501996	-0.011906479	-0.011906479	0	0
0.115982913	-0.008245237	-0.008245237	0.000985711	0
0.097353657	0.150987015	0.051809218	0	0
0.183103696	-0.003273607	-0.00142836	0	0
0.159106853	-0.025847215	-0.007209954	0	0
0.122615544	-0.031547472	-0.034457384	0	0
0.067154768	-0.097294747	-0.070732451	0	0
0.165909902	-0.014101922	-0.00622611	0	0
0.18437559	-0.005582306	-0.003992303	0	0
0.219522091	-0.105907574	-0.104956711	0	0
0.176156354	-0.012169846	-0.010295756	0	0

110618002.D	110618003.D	110618008.D	110618010.D	110818003.D	110818012.D	111318003.D
Inst blank	1 ppb	10151802	10091811	1 ppb	10041810	1 ppb DC
		S2 can 721	S6 can 404		S4 can Ambient	
Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc
0	0.381473284	0	0	0.307777967	0	0.285242272
0	0.178907485	0	0	0.134274527	0	0.111797702
0	0.151040941	0	0	0.065807024	0	0.076337764
0	0.161142019	0	0	0.087297014	0	0.1039824
0	0.121527965	0	0	0.181392295	0	0.05360321
0	0.137950961	0	0	0.063987139	0	0.068562675
0	0.191682977	0	0	0.096734814	0	0.119220272
0	0.080595661	0	0	0	0	0
0	0.422336711	0	0	0.242601625	0	0.265293778
0	0.156604666	0	0	0.067935548	0	0.077319407
0	0.210121937	0	0	0.112015422	0	0.121703697
0	0.208778907	0	0	0.107763483	0	0.130159061
0	0.198511338	0	0	0.109731222	0	0.1216408
0	0.189060776	0	0	0.104445307	0	0.127285054
0	0.412744695	0.082436602	0.072335085	0.220979182	0	0.257856202
0	0.222202234	0	0	0.113817036	0	0.145419524
0	0.505741867	0	0	0.486597261	0	0.389740513
0	0.106723964	0	0	0.115500183	0.076082459	0.103019804
0	0.245897577	0.062936998	0.071885487	0.119209157	0.13473533	0.117355877
0	0.17238431	0	0	0.126457844	0	0.127175364
0	0.245932689	0	0	0.105148267	0	0.134676391
0	0.213431162	0	0	0.174747341	0	0.200933291
0	0.190611502	0	0	0.200595429	0	0.188892848

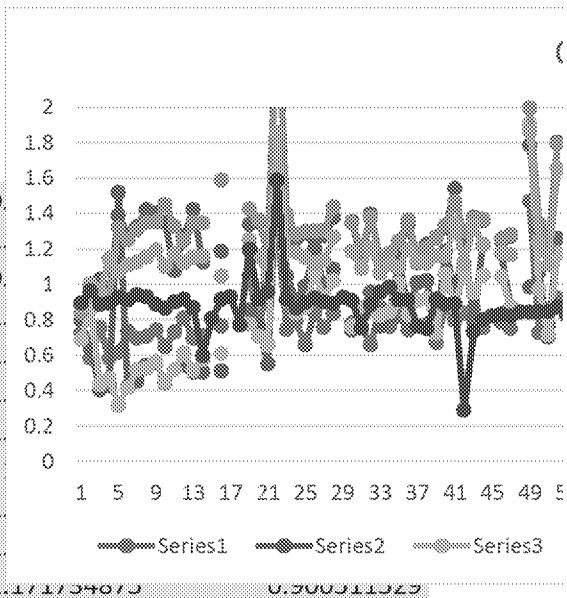
111318005.D	111318008.D	111318010.D	111318012.D	111318014.D	111418004.D	111418008.D
10041803	10041808	10041811	10041809	10041807	1 ppb	10091808
S15 can 723	S3 can 2504	System blk can BTP1	S4 can A378	S10 can 2521		S7 can 751
Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc
0	0	0	0	0	0.612169352	0.097981365
0	0	0	0	0	0.303881821	0
0	0	0	0	0	0.166141504	0
0	0	0	0	0	0.295695135	0
0	0	0	0	0	0.201842218	0
0	0	0	0	0	0.184501792	0
0	0	0	0	0	0.301431262	0
0	0	0	0	0	0.288289734	0.164335488
0	0	0	0	0	0.668108152	0
0	0	0	0	0	0.280593383	0
0	0	0	0	0.28035006	0.347399132	0
0	0	0	0	0	0.274237276	0
0	0	0	0	0	0.335865098	0
0	0	0	0	0	0.296731268	0
0	0.077296339	0	0.086656403	0.207478967	0.801211833	0.384212041
0	0	0	0	0	0.291308731	0
0	0	0.94051647	0	0	1.284428735	0.687526688
0.029405741	0.029214551	0.084513987	0.100041815	0	0.114200585	0.274827663
0.08420533	0.085806061	0.069771928	0.2841843	0	0.299235814	0.856785873
0	0	0	0	0	0.261637627	0
0	0	0	0	0	0.248760916	0
0	0	0	0	0	0.329179503	0
0	0	0	0	0	0.297670343	0

111418010.D	111418012.D	111418017.D	111418021.D	111518004.D	111518007.D	111518010.D
10091801	10091807	10151801	10091805	1 ppb	10041805	10091810
S8 can MTC48	S14 can 723	BBlk #1 can 068	S9 can 700		S5 can 262	S12 can 793
Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc	Actual Conc
0	0	0.079980999	0.086189683	0.575478423	0.090308895	0.086750873
0.200489545	0	0.140673688	0.125571614	0.291830214	0.125428664	0.135971102
0	0	0	0	0.157198183	0	0
0	0	0	0	0.289231342	0	0
0	0	0.029906498	0.023456865	0.192326466	0.052765796	0
0	0	0	0	0.180352455	0	0
0	0	0	0	0.295843574	0	0
0.151945536	0.146663547	0.145902939	0.129062004	0.260851896	0.133259303	0.12861929
0	0	0	0	0.642896523	0	0
0	0	0	0	0.300181729	0	0
0	0	0	0	0.321041877	0	0
0	0	0	0	0.268147099	0	0.037366689
0	0	0	0	0.31839751	0	0
0	0	0	0	0.291412649	0	0
0.150699569	0.210179231	0.147632093	0.113210679	0.736179778	0.470058713	0.184960225
0	0	0	0	0.378420862	0	0
0	0.189135017	0	0	1.341941471	0.326909812	0
0	0.245550113	0.035214197	0.044199643	0.136527916	0.255652688	0.324175633
0.207810252	0.443929556	0.268442052	0.368045144	0.291514805	2.052428645	0.225937614
0	0	0	0	0.262292109	0	0
0	0	0	0	0.245952377	0	0
0	0	0	0	0.313624491	0.144730262	0
0	0	0	0	0.30286323	0	0

111618007.D	111618002.D	111618004.D	030719002.D	030719003.D
1 ppb	10151803	10091809	Inst blank	1 ppb
	FB can 021	Trip Blank can RK8		
Actual Conc	Actual Conc	Actual Conc		Actual Conc
0.620381186	0.079743713	0.084265821	0	0
0.328820773	0.133803281	0.1301615	0	0
0.159738336	0	0	0	0.152044673
0.268928068	0	0	0	0.182655377
0.166360931	0.029871166	0.043265496	0	0
0.167802637	0	0	0	0.145541691
0.264368035	0	0	0	0.193224153
0.202704287	0.124502878	0.119888769	0	0
0.585030033	0	0	0	0.353019283
0.234446338	0	0	0	0.173310081
0.291998219	0	0	0	0.187414718
0.248763686	0	0	0	0.175386494
0.28172975	0	0	0	0.173611594
0.260658081	0	0	0	0.114823083
0.644134366	0.185730046	0.184550737	0	0.091512438
0.263800254	0	0	0	0.194089918
1.130533015	0.081664945	0	0	0.157515784
0.162720395	0.125066557	0.128666634	0	0.131198632
0.256385794	0.613817732	0.509511063	0	0.07252715
0.230133456	0	0	0	0.158112136
0.226335714	0	0	0	0.173313055
0.244287671	0	0	0	0.2414743
0.265966321	0	0	0	0.161535376

			QC- DC
030719004.D	030719007.D		110618003.D
030419blankRK9 S16-can 321	030419blank321 S13 can RK9		1 ppb
			PLUS COMPOUNDS NOT IN MIX BC IT RAN OUT
Actual Conc	Actual Conc		Nom Conc
		PLUS?	
0	0		0.725316392
0	0		0.583448444
0	0		0.756817333
0	0		0.581829278
0	0		0.615349476
0	0		0.735911834
0	0		0.693532174
0	0		0.705991156
0	0		0.740854285
0	0		0.648531547
0	0		0.729250534
0	0		0.810448166
0	0		0.694169218
0	0		0.709721385
0.141927794	0.048700665	p	
0	0		0.764787277
0	0	p	
0	0	p	
0	0		1.052830288
0	0		0.751706364
0	0		1.00141982
0	0		1.319289397
0	0		0.744735345

QC- DC	QC- DC	QC- DC	QC- DC	QC- DC	QC- DC
110818003.D	111318003.D	111418004.D	111518004.D	111618007.D	030719003.D
1 ppb	1 ppb DC	1 ppb	1 ppb	1 ppb	1 ppb
Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc	Nom Conc
0.799587949	0.686384316	0.881458723	0.838765897	0.	
0.643867862	0.862346851	0.959089818	0.934604804	1.	
0.402163897	0.435426506	1.028142003	0.965745344	0.	
0.426805196	0.466017212	0.928094137	0.912891451	1.	
1.517514725	0.315724903	1.389743378	1.318242723	1.	
0.424757876	0.417550283	1.28010128	1.251927034	1.	
0.452203021	0.519313851	1.325208587	1.303717663	1.	
0.54394594	0.526129868	1.422425101	1.348495624		
0.556859494	0.563700215	1.403777845	1.352027528	1.	
0.442818692	0.447292207	1.347144742	1.45179798	1.	
0.516952915	0.518033349	1.076440032	1.326030219	1.171754875	0.900311529
0.543437427	0.610077753	1.269381181	1.2439078	1.119513398	0.913540272
0.502153321	0.515181775	1.422770554	1.34736986	1.151778631	0.867347235
0.504901818	0.57524098	1.125187829	1.344375628	1.157777961	0.598172682
					0.806544657
0.509821641	0.606413326	1.185154098	1.585817891	1.045789157	0.914526565
					0.930168547
					0.771461164
0.853965798	0.7739269	1.339151026	1.424164382	1.25000664	1.198835237
0.765729452	0.704919665	1.351408812	1.361480094	1.158640687	0.915473382
0.549202674	0.655357678	1.184448263	1.175034284	1.048104803	0.959772358
1.669876278	1.710254412	2.645819515	2.523649236	1.853895426	1.588313418
1.046950203	0.908333069	1.361484418	1.392346108	1.189495306	0.91532338



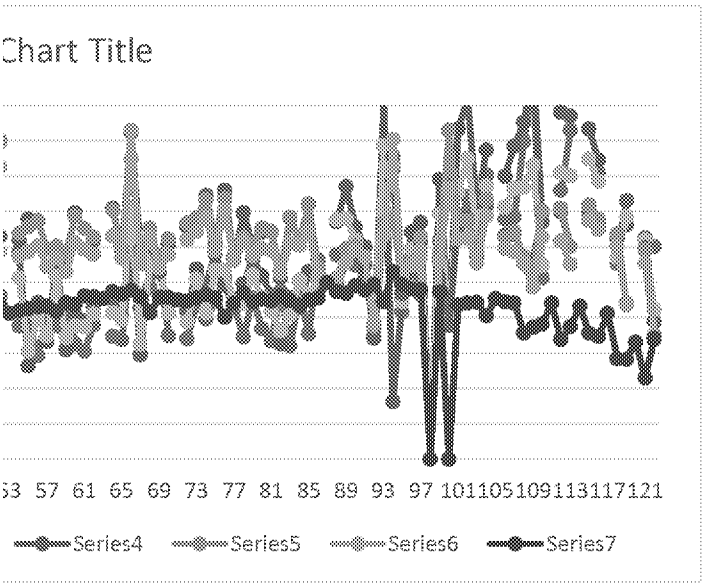


Chart Title
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Acrylonitrile	0.9	1.814203496	17.69144356
n-Pentane	0.98	1.230144284	6.232866331
Isoprene	0.946	0.61251763	7.073211804
trans-2-pentene	0.966	-0.062075636	4.882157816
cis-2-pentene	0.979	-0.126152046	5.157944083
Tert-Butanol	1.01	1.912514915	2.374636938
1,1-Dichloroethene	1	0.980062795	3.918411454
Methylene Chloride	0.95	8.182600744	6.880938554
3-Chloro-1-Propene	1.1	-0.48481801	7.945324198
1,1,2-Trichloro-1,2,2-...	0.93	0.900066294	2.533276248
Carbon Disulfide	1.06	0.578259294	2.51655481
2,2-Dimethylbutane	1.024	-0.404215847	6.156900558
trans-1,2-Dichloroethene	1.1	1.136415037	4.930949224
Cyclopentane	1.009	6.099788564	12.28668658
2,3-Dimethylbutane	1.024	8.909589755	13.83419556
1,1-Dichloroethane	0.95	0.813791327	3.731795907
Methyl-t-Butyl-Ether	1.08	-0.000379554	2.402594001
Vinyl Acetate	1.1	-0.120241063	3.217918036
2-Methylpentane	1.04	-2.16819868	10.891877
2-Butanone	1.1	-10.58294428	9.779860314
3-Methylpentane	1.035	-0.672816294	5.72623556
2-Chloroprene	1.06	-1.029535469	4.978088996
1-Hexene	0.993	-18.29286239	12.36124182
cis-1,2-Dichloroethene	1	-2.81740744	6.339008579
Diisopropyl ether	1.01	-0.605947578	3.058471507
Ethyl Acetate	1.07	-378.9383112	61.81317694
n-Hexane	2.059	-0.324191534	2.919592683
Chloroform	1.02	0.349024834	2.114433386
Tetrahydrofuran	1.06	-4.479055135	8.750807891
Ethyl Tert-Butyl Ether	1.02	-0.497427543	2.838127506
Methylcyclopentane	1.017	-3.073251856	9.201402044
1,2-Dichloroethane	0.99	0.508911104	3.305018641
2,4-Dimethylpentane	1.041	-0.250153503	4.340776451
1,1,1-Trichloroethane	1	0.25206342	1.608122179
Benzene	2.05	0.002354793	1.210345333
Carbon Tetrachloride	0.99	0.160707145	1.351577853
Cyclohexane	2.131	-0.042412771	4.114633826
2-Methylhexane	1.014563107	-1.17206677	15.280904
2,3-Dimethylpentane	1.011650485	-20.11921364	18.56665809
Tert Amyl Methyl Ether	1.019417476	-2.704146222	8.586600714
3-methylhexane	1.02038835	-9.891580566	19.61113103
1,2-Dichloropropane	0.990291262	-16.51272322	27.33236931
Ethyl acrylate	1.048543689	-425.1267327	56.78022192
Bromodichloromethane	1.019417476	2.505315086	6.340843043
1,4-Dioxane	1.019417476	211.1172739	38.96870984
Trichloroethene	1.038834951	0.371492816	10.3237715
Isooctane	2.032038835	-0.110099827	2.671048457

-0.004781706	0.8597418	13.63830985	0.044285049	0.776041667	0.401124778	2.152017914
-0.032269195	0.024633474	5.087197165	0.015740971	1.107291667	0.027786097	0.619327591
-0.000402924	0.10370679	5.489414767	0.056063473	1.065625	0.080643708	1.096267423
0.006164307	0.101005956	3.693046264	0.073778934	1.089583333	0.024162951	0.60665965
0.005459167	0.11810894	3.839915664	0.075034853	1.007291667	0.032745592	0.619699734
0.019296252	0.177734837	2.073684636	0.140275833	1.145833333	0.123894643	0.588044698
-0.003970318	0.227267381	3.447777456	0.033632572	1.009375	0.060231822	0.769939365
-0.004058834	0.266413089	7.810164689	-0.050096643	1.011458333	0.3211288	1.595727352
-0.006314262	0.088541757	6.502430937	0.032784994	1.004166667	0.107114801	1.048296967
-0.002601929	0.065225452	2.743221828	-0.033656423	0.996875	0.04970509	0.662667845
-0.001140582	-0.000520319	2.639284281	-0.030827062	0.89375	0.026922901	0.561133864
0.001804786	-0.017296935	4.85925082	0.03285238	1.113541667	0.056260938	0.920653928
-0.000711657	0.195514548	4.192896847	0.055253782	1.044791667	0.088224402	0.971323685
0.010129241	0.373370255	10.95849049	0.014488284	1.085416667	0.330203189	2.237638576
0.008565669	0.981620084	11.14700369	0.081022768	1.083333333	0.812748519	2.227382511
-0.005521988	0.077263272	3.505730857	0.008162879	1.094791667	0.048811356	0.682433324
0.007465616	0.028077417	1.914990422	0.063954141	1.114583333	0.036273485	0.677960106
0.02507746	0.06454812	2.451871317	0.076757065	0.005104167	0.009480889	0.421404817
0.009793277	0.039569232	8.34208343	0.035297124	1.09375	0.169816779	1.80645578
-0.01381783	-0.001656229	4.922516062	0.118900525	0.870833333	0.14115492	1.381670549
0.008873953	-0.026847039	4.413246755	0.042648955	1.104166667	-0.042208056	1.387787539
0.010261421	0.099913203	3.705680958	0.059140216	1.125	-0.015112807	0.958174903
-0.00331766	-0.042325955	7.519017437	0.036391579	1.08125	-0.848527875	3.278087446
-0.010825264	0.12356495	4.702241344	0.027764431	1.088541667	-0.08146219	1.870787893
0.007576559	-0.006581288	2.322778162	0.037338853	1.135416667	-0.014704911	0.602407057
0.053980204	-4.16098527	43.50618582	0.060460041	1.047916667	-35.8908897	35.38154108
0.008094229	-0.00413568	2.431821532	0.000930552	2.178125	0.005002596	0.869219355
-0.003264945	0.059431673	2.072670106	-0.004649221	1.13125	0.052513948	0.89729075
0.014620125	0.044529123	6.419692255	0.060801596	1.066666667	-0.204426382	2.124129873
0.010300344	0.007657058	2.053887137	0.060765552	1.114583333	-0.045345783	0.85867347
0.00929392	0.052642131	6.769607685	0.051103143	1.098958333	-0.886658179	4.359206204
0.001572331	0.211238691	2.732119926	0.064569767	1.103125	0.026732713	0.803805206
0.012960154	0.008143565	3.403913678	0.044577291	1.096875	-0.036589556	0.89358028
0.000117309	0.0408187	1.587127398	0.006410785	1.127083333	0.028481448	0.669214193
-0.000370347	-0.003409231	1.010172047	0.022167566	2.185416667	-0.015119719	0.675492193
-0.002022182	0.037620406	1.249711011	0.028680914	1.103125	0.018351598	0.627183827
0.008952905	0.113040533	3.336075864	0.041735487	2.190625	-0.036978829	0.955655339
-0.001884792	-0.024420531	12.76500983	0.011837421	1.058163265	-1.074027165	4.726171924
-0.019228593	0.573964121	13.49930368	0.016456445	1.064285714	-3.308886573	7.783439339
0.004181058	0.13741995	7.136593517	0.010782545	1.091836735	-2.771101768	6.546640743
0.006889693	0.312599594	15.12852345	0.039950556	1.07244898	-2.930575267	6.131493822
-0.017824017	1.511162276	22.44582946	-0.003180288	1.095918367	-13.07045206	14.91525365
0.100768173	-1.614405498	15.63598637	0.312693502	1.102040816	-23.07034762	13.4998966
-0.004575235	0.492255766	6.360269428	-0.017115377	1.080612245	0.299514825	4.158781842
0.038773693	15.49132458	33.28705714	0.107797532	1.007142857	29.25462376	46.27482467
-0.007244528	0.461332727	9.241882797	-0.010711403	1.083673469	-9.385473475	15.60542646
0.013938813	0.001846838	2.268198031	0.032288571	2.148979592	-0.105565417	1.339768988

-0.003412269	0.310012885	1.647541073	0.071109494	0.01257612
-0.006271966	0.031819536	0.48808593	0.058530512	0.004144117
-0.003729214	0.087657219	0.832286362	0.079809034	0.007195492
0.010914564	0.026949778	0.483314416	0.072045629	0.005656466
0.003534467	0.028307135	0.493068696	0.071399278	0.006640025
-0.009453836	0.05057019	0.328143763	0.188830833	0.00441604
-0.003828497	0.042768691	0.613564809	0.065125458	0.00330177
-0.148043886	0.212116193	1.25755167	-0.039035903	0.003761731
-0.003065485	0.069990428	0.771608873	0.087446117	0.005862954
-0.005374485	0.040370211	0.514980761	0.070393513	0.002445888
-0.028068869	0.019187145	0.420206804	0.06128406	0.003623102
-0.004947332	0.062204048	0.743081191	0.056976102	0.004817533
-0.005207356	0.062258651	0.754192044	0.065175189	0.004868908
-0.013179058	0.438578022	1.692806125	0.063326999	0.009954869
0.002270662	0.538195884	1.886255153	0.06578528	0.006703881
-0.004806919	0.037030478	0.557769841	0.053951499	0.004252705
-0.005842171	0.022230275	0.526242307	0.070765754	0.002982059
-0.039805987	0.01297323	0.305911406	0.058340188	0.007048253
-0.00848501	0.2088934	1.498233464	0.035145086	0.008007021
-0.069382565	0.038627516	0.711731562	0.168533325	0.024049382
-0.002934037	0.020406978	1.142024107	0.014241165	0.003816979
0.003789964	0.02022044	0.714419293	0.06239174	0.004951705
0.001179371	0.087016747	2.302544545	0.04094938	0.00440421
-0.001049001	0.0500971	1.432418522	0.044618568	0.00497384
0.011515429	0.003097313	0.455601561	0.051845892	0.006134583
0.007016135	0.571947861	26.62622868	0.050038679	0.194543057
0.016860416	0.00713697	0.755446418	0.003639009	0.008314354
-0.005332099	0.02757682	0.832778018	-0.000908587	0.00340903
0.011170476	0.043479908	1.454591095	0.071210595	0.014379333
0.017081863	0.005537273	0.598105054	0.073595698	0.00445972
0.012435011	0.104407237	3.518054814	0.023164426	0.009397953
0.00126813	0.028408743	0.650713677	0.051355629	0.005454865
0.01351256	0.008596099	0.732005039	0.014717206	0.005723001
-0.002679692	0.017821886	0.601957699	0.015378595	0.003114941
-8.0201E-05	0.003169452	0.571929351	-0.005142829	0.003171013
-0.004629079	0.015919988	0.541423828	0.025691763	0.001194031
0.015194762	0.018566303	0.690007895	0.065836318	0.007916213
0.007504997	0.041780712	3.875843266	0.020083232	0.004280977
-0.000851843	0.000568839	5.660184166	0.078200611	0.013144688
0.012360808	-0.028674861	4.790072179	0.057766081	0.003010958
0.011702915	0.040200154	4.587549326	0.034993914	0.008459997
-0.001874942	0.174355552	11.52035074	0.014558522	0.021775673
0.042767207	-0.161987817	5.078177495	0.244541538	0.276837441
-0.003627996	0.083693111	3.692128938	0.001250484	0.004864171
0.014505426	2.343869454	27.8041356	0.151443108	0.114660872
-0.002350871	-0.697868159	12.46160308	0.024792988	0.004835659
0.022479711	-0.000616129	0.967149182	0.079311918	0.003365472

0.011318508	0.732543582	0	30844	0
0.004061234	0.625383804	0	85306	0
0.006806935	0.803842776	0	74056	0
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1.08424119	1.018441922	1.378059392	1.436107619	1.26454056	0.88929739
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0.742813673	0.758728521	1.351141994	1.345226467	1.187681395	0.906202673
0.838530176	0.870109177	1.146314593	1.196119131	1.090359405	0.752779678
0.954942372	0.849299154	1.395597594	1.377170919	1.20624739	0.882348697
0.765003038	0.824804676	1.133940249	1.14094668	1.06248871	0.956715499
0.822438478	0.843937396	1.14559835	1.176091981	1.109593096	0.983355461
1.129738329	1.00424132	1.20824326	1.243490024	1.096809458	0.911322152
0.858547517	0.832604304	1.338780506	1.362377501	1.194311693	0.911848794
1.00783545	0.906636736	1.120317088	1.160658786	1.128731605	0.764328776
1.021013439	0.919944817	1.225938719	1.200927236	1.117660697	0.748725706
0.723785567	0.722353735	1.266807432	1.25678324	1.160864698	0.915076
1.187040832	1.056382481	1.315646545	1.332635846	1.160187852	0.886973721
0.957309037	0.878589107	1.54056736	1.463412971	1.342442392	0.890255148
1.216795573	1.072133377	1.227918035	1.296936698	1.118546928	0.290389279
0.798579047	0.951648046	1.376499589	1.371343261	1.336051436	0.73340743
1.224109124	1.04888887	1.358462248	1.367866443	1.219131077	0.798230562
					0.822640314
1.171236113	1.044589431	1.248749178	1.258153203	1.174897323	0.831310199
0.871387535	0.87025292	1.269996934	1.27836921	1.168047872	0.82263133
					0.843740654
0.982460669	1.906792777	1.786573696	1.994607445	1.864506235	0.841610493
1.071026828	0.967798848	1.318676908	1.350218041	1.237065316	0.845067836
0.701104635	0.715640512	1.194159784	1.194401265	1.110380527	0.846047913
1.259762188	1.176196192	1.799516254	1.791791307	1.652827817	0.872103729
					0.824678192
1.171489845	1.023507317	1.236451085	1.274920332	1.147350497	0.840826859
0.529436131	0.611461374	1.354611545	1.313969832	1.173357457	0.850019789
0.88623678	0.798094682	1.34848257	1.346944322	1.204891395	0.861964966
0.664941472	0.697239834	1.186374724	1.187908043	1.087064701	0.865487731
1.135370911	1.030861088	1.189404131	1.205710574	1.136907061	0.837196987
0.619488927	0.688911804	1.128809676	1.161301141	1.06109845	0.881298747
0.821622764	0.752860922	1.391623746	1.375442377	1.221932863	0.875674101
0.783103883	0.750193287	1.300775465	1.302305605	1.186239676	0.921438513
0.859591617	0.819976151	1.236305136	1.255372504	1.157105907	0.917951436
					0.907800787
0.902814396	0.828535345	1.415985287	1.406457852	1.26151318	0.946298427
0.807777989	0.789054936	1.185970232	1.195484048	1.136998552	0.93328859
1.310246846	1.423317742	1.845255996	1.694137675	1.856616002	0.956519264
0.591021368	0.65003356	1.17630231	1.169547276	1.101521482	0.920328215
1.14290964	1.116469933	1.230198918	1.305784644	1.254253198	0.82901378
1.060577168	1.126694726	1.061482473	1.097698705	1.083062763	0.914547361
0.880305515	0.823890883	1.21650759	1.242318965	1.157228562	0.915081

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Methyl Methacrylate	0.990291262	-943.4479944	85.47332834
Heptane	2.050485437	-4.784053244	9.182224772
cis-1,3-Dichloropropene	0.961165049	-43.61031115	23.14472942
4-Methy-2-Pentanone	1.038834951	-43.15726086	20.68526385
Methylcyclohexane	1.02038835	-10.69975485	13.51131248
trans-1,3-Dichloropropene	0.873786408	-157.8506336	41.39625549
1,1,2-Trichloroethane	1	-2.337852026	16.95876833
2,3,4-Trimethylpentane	1.017475728	-10.96320242	12.18165396
Toluene	1.997087379	-0.641662585	3.237042493
2-Methylheptane	1.037864078	-17.61309032	15.29607362
2-Hexanone	1.038834951	-43.08899038	19.19060961
Dibromochloromethane	1.058252427	0.144094075	6.665728205
3-Methylheptane	1.041747573	-17.32381648	17.83785425
1,2-Dibromoethane	0.990291262	-25.84435232	18.56876719
Octane	1.024271845	-27.14017228	17.36737823
Tetrachloroethene	1.029126214	0.417069374	5.949400986
1,1,1,2-Tetrachloroethane	1.049019608	1.0707554	2.165784496
Chlorobenzene	1.009803922	0.29230808	2.46684789
Ethylbenzene	2.020588235	-0.067677075	0.974077554
m-Xylene	2.007843137	-0.156789952	1.318509659
p-Xylene	2.01372549	0.063103008	0.7689009
Bromoform	1.039215686	0.056171062	3.479820287
Styrene	1.97745098	-1.456539444	3.379554853
Butyl Acrylate	1.058823529	-107.518351	28.68675039
1,1,2,2-Tetrachloroethane	1.009803922	0.220593001	2.956633205
o-Xylene	2.048039216	-0.044310245	0.933030375
Nonane	1.033333333	-2.780258592	5.692818586
Bromofluorobenzene	0		
Cumene	1.015686275	-0.12400999	1.413140187
Chlorotoluenes	1.078431373	2.615399729	-0.501020691
n-Propylbenzene	1.019607843	-0.282147773	1.833309353
m-Ethyltoluene	1.02745098	-0.232440718	1.774798663
1,3,5-Trimethylbenzene	2.024509804	0.008067051	0.563911168
1,2,4-Trimethylbenzene	1.996078431	0.048123057	0.450614044
Tert-Butyl Benzene	0.990196078	0.02771865	0.812046121
1-Ethyl-4-Methyl Benzene	2.041176471	0.013441596	0.669875099
o-Ethyltoluene	1.004901961	-0.062912852	1.528043279
1,3-Dichlorobenzene	1.029411765	2.096981442	0.300775496
1,4-Dichlorobenzene	1.039215686	2.621431923	-0.580092423
n-Decane	1.040196078	0.603476782	2.606388013
Sec-Butyl Benzene	1.009803922	0.044103351	0.709417607
1,2,3-Trimethylbenzene	0.995098039	0.100231371	1.205984942
1,2-Dichlorobenzene	1.029411765	1.017359027	0.43838708
o-Cymene	1	0.005721575	0.817966216
1,3-Diethylbenzene	0.992156863	-0.000662956	1.607189968
1,2-Diethylbenzene	0.98627451	0.010617151	1.377037932
n-Butyl Benzene	1	0.017922044	0.706946324

0.0860846	-1.382276845	21.87337984	0.295800544	1.091836735	-32.50926049	16.02263627
0.017415619	-0.098220304	7.312506169	0.011906162	2.128571429	-0.150149004	2.819055713
0.010463695	-0.241620316	13.76323711	0.132536759	0.973469388	-34.25158948	18.19206778
0.032345386	0.718286607	13.46557002	0.05138749	0.890816327	-5.41066626	7.640616613
0.020732165	0.202234725	9.964968922	0.03894782	1.058163265	-7.547531359	10.16603606
0.023695025	-1.821476507	20.26221771	0.232935564	0.753061224	-75.38628054	31.62340703
0.000199171	0.27808107	14.06989451	0.028225025	1.124489796	-4.297873019	14.47147299
0.011503649	0.015692026	7.816622201	0.079198083	1.070408163	-1.654441051	4.19912305
0.01668882	0.023996114	1.967363171	0.140352333	2.12755102	-0.619133409	2.751318477
0.021619345	-0.015929518	9.797329422	0.083809056	1.063265306	-4.338935819	6.65829193
0.023069905	-0.215724398	8.49546943	0.172608133	0.546938776	-2.31295989	4.968885264
0.00185883	0.200560612	5.399256913	0.040214821	1.066326531	-1.367540764	6.195295651
0.026456024	-0.461822989	12.39559629	0.062588756	1.071428571	-1.732353912	4.918693807
0.015152519	-0.706682665	11.84652401	0.12013792	1.040816327	-13.83349926	13.03913725
0.027396864	-0.318246564	9.836418668	0.119434555	1.067346939	-3.360363209	5.507191962
0.00192042	0.148307602	5.05023707	0.030052564	1.171428571	-2.596197401	8.211190993
-0.009112506	0.250007149	2.627716391	-0.090319684	1.125	0.640592642	3.371615753
-0.000658072	0.042054807	2.36435838	-0.025096018	1.123958333	-0.419617939	3.691094675
0.022337517	0.026116615	0.386328165	0.250593018	2.176041667	-0.158362479	1.240075553
0.033236665	0.046667343	0.38262103	0.30454291	2.147916667	-0.158063912	1.305223185
0.030252473	0.011248164	0.749551717	0.031810185	2.125	-0.110897128	1.062753843
-0.001329145	0.074335395	2.47891124	0.058215378	1.044791667	-0.750644899	4.051591772
0.05701673	0.010141198	1.203809465	0.225752201	2.063541667	-1.65118917	3.641666092
0.105452664	-0.511434543	7.109019914	0.475900785	1.125	-20.01051902	12.42762066
0.005267806	0.116926516	2.789594097	-0.011738116	1.126041667	-0.404676888	3.236224193
0.032364578	0.029002578	0.467342997	0.202925771	2.141666667	-0.107319549	1.07338989
0.037624507	0.229751562	3.526617639	0.102853258	1.067708333	-1.862426727	4.031835375
				0.96875		
0.013798988	0.032556991	0.78323683	0.16202199	1.04375	-0.445721845	2.063330814
0.387716208	0.033393677	0.694705233	0.349318349	0		
0.015611959	0.029388555	0.762830902	0.192920746	1.021875	-0.787466968	2.564119021
0.029691623	0.031059533	0.759487782	0.189230502	1.04375	-1.031118875	2.897114234
0.023186458	0.027514621	0.117190397	0.303364028	2.097916667	-0.090689448	0.97096844
0.039718104	0.025284079	0.090214028	0.328234062	2.120833333	-0.040102794	0.844665044
0.030034863	0.030915089	0.368458921	0.215476689	1.09375	-0.210576685	1.593251385
0.030342758	0.028020572	0.079735328	0.354390467	2.028125	-0.133699046	1.134332729
0.01062824	0.071758787	0.485115201	0.232001243	1.026041667	-0.846373343	2.710509841
0.06964496	0.22360357	0.07196946	0.370986415	1.107291667	1.879867895	2.558235612
0.102142812	0.262103647	-0.237663464	0.447476831	1.109375	3.382668664	1.502155706
0.041728626	0.290933922	1.56658936	0.174067989	1.046875	-0.191173734	2.175961377
0.031826954	0.029515743	0.247131827	0.283053724	1.104166667	-0.057960932	1.157558987
0.030914995	0.069363031	0.45950128	0.267480585	1.013541667	-0.364535789	2.237196583
0.062775832	0.159897643	0.197671478	0.347924738	1.098958333	1.765346344	1.864660978
0.035084239	0.032946135	0.254158892	0.302399471	1.104166667	-0.091995679	1.486213668
0.038981323	0.090098358	0.721056997	0.238029444	0.969791667	-0.374779212	3.127799704
0.033561919	0.074208728	0.635573861	0.22740067	0.982291667	-0.139285935	2.558435111
0.04319858	0.032379077	0.240575269	0.290267548	1.114583333	0.017111325	0.84692247

0.057990206	-0.050646102	5.431149281	0.267496898	0.353289648
0.033213902	-0.000176879	2.343404224	0.051743637	0.006711231
0.010684723	-0.412144203	9.424248716	0.16262716	0.005750696
0.037558418	0.153175936	3.555150868	0.215625555	0.259266031
0.023291422	-0.030170676	7.571323757	0.050247637	0.003129519
0.013567791	-2.100536614	16.00739414	0.219005802	0.037222132
-0.000207281	-0.07726493	11.84372494	0.027520969	0.007240419
0.023871391	0.001691052	2.73461685	0.082434251	0.002920705
0.017653226	-0.015834458	1.80472933	0.091409245	0.008624247
0.03186901	-0.011198808	4.19128398	0.097327663	0.005839071
0.052678998	0.120561124	7.87546557	-0.078607058	0.004662313
0.009108757	0.074139752	4.601279861	0.063134413	0.00543382
0.045415922	-0.003173429	3.539974337	0.096077965	0.004662313
0.0163105	-0.207625073	8.241815752	0.121598798	0.01040369
0.03649956	-0.008495425	3.045023267	0.131619873	0.010664481
0.003461649	0.024070741	6.383236623	0.043269625	0.005550225
-0.009441333	0.51731748	3.390913201	-0.046347448	0.002713494
-0.008418977	0.119690758	3.051533631	-4.7268E-05	0.007812791
0.023313079	0.015678613	0.609633731	0.185702084	0.006143469
0.056565948	0.006089728	0.933443592	0.040703058	0.006549383
0.023856601	0.004790817	0.746205038	0.048097753	0.00366159
0.00652362	0.20724458	2.970780692	0.049200186	0.004693441
0.038556389	0.011653422	1.616640163	0.153682154	0.008647422
0.099035196	-0.048279444	3.059024082	0.426717347	0.201329767
0.007779404	0.070766831	2.786085649	-0.004004577	0.00678546
0.041011338	0.016493226	0.625833932	0.141854355	0.002962466
0.045069684	0.121861352	2.379761368	0.102901231	0.004625928
				0.002262822
0.026119133	0.030399113	1.327428098	0.075691827	0.002373647
	0.012799169	1.216058271	0.132987765	0.064883349
0.01823414	0.012480733	1.221419113	0.116955242	0.00412728
0.034214236	0.028475983	1.26550635	0.156939262	0.010521745
0.033512586	0.015992538	0.514426901	0.128726472	0.002034171
0.039284781	0.013964553	0.505874753	0.096099847	0.004283904
0.031280931	0.030115164	1.083008398	0.026891589	0.00392465
0.038917409	0.012080057	0.559483317	0.139545617	0.00712322
0.010272513	0.138349652	1.030590902	0.176301337	0.00828268
0.033841264	0.316794789	1.755295153	0.114716356	0.00844941
0.049376573	0.428249322	1.161541184	0.179861897	0.01053728
0.049874569	0.10921889	1.329068326	0.111357646	0.007520376
0.03435749	0.034589075	0.750761233	0.069012888	0.003660218
0.032938379	0.091803916	1.02902622	0.155864642	0.004487292
0.038830145	0.37449391	1.255622288	0.178447569	0.00853959
0.041572163	0.062480631	0.827450574	0.150501132	0.004365532
0.04780751	0.239890061	1.461349342	0.211680319	0.009731861
0.056572527	0.170915241	1.367297034	0.194512079	0.003245537
0.060617842	0.029358698	0.498148658	0.192618188	0.005618496

0.349859651	4.03290876	0	14621	0
0.013761282	0.724272002	0	180814	0
0.005527368	1.085038662	0	63467	0
0.269334615	0.884115623	0	78693	0
0.003193324	1.004594439	0	115630	0
0.032524193	1.442289103	0	30346	0
0.007240419	1.052591329	0	83231	0
0.002971746	0.746722493	0	137685	0
0.017223374	1.108152892	0	448439	0
0.006060162	0.814921532	0	106292	0
0.004843374	0.771289584	0	84562	0
0.005750354	1.314953736	0	183914	0
0.004856954	0.732051213	0	85163	0
0.010302684	1.328210047	0	66893	0
0.010923328	0.834929629	0	87950	0
0.005711882	1.361017476	0	233666	0
0.002846508	8.103350397	0	185963	0
0.007889387	1.278655806	0	177674	0
0.01241342	1.239587332	0	492706	0
0.013150133	1.234285584	0	357876	0
0.007373437	1.209366115	0	496187	0
0.004877498	1.586248823	0	86365	0
0.017099854	1.757808314	0	125828	0
0.213172695	3.099324458	0	7958	0
0.006851984	0.852701028	0	162602	0
0.006067247	1.118490082	0	543069	0
0.004780125	0.893367088	0	98858	0
0		90930	397623	112864
0.002410881	1.246866791	0	373211	0
0.069972239	1.951992888	0	259596	0
0.004208207	1.451552406	0	259596	0
0.010810577	1.645648054	0	267282	0
0.0041182	1.282970723	0	829296	0
0.008551009	1.720374838	0	851671	0
0.003886173	4.20675293	0	571151	0
0.014539749	1.605283845	0	600598	0
0.008323282	1.369122885	0	336926	0
0.008697923	2.481754826	0	248693	0
0.010950507	3.024312007	0	306025	0
0.007822666	0.963630508	0	182837	0
0.003696103	5.552790526	0	640633	0
0.004465296	1.579100365	0	368865	0
0.008790755	1.955547372	0	376349	0
0.004365532	5.196351034	0	691556	0
0.009655533	1.613397844	0	319210	0
0.00320099	1.501672203	0	381301	0
0.005618496	2.938701027	0	798305	0

0	110035	0	59065	0	0
0	1552707	0	1008889	0	0
0	537722	0	359186	0	0
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0.000746011	0.002444276	0.950203517	0.002444276	0.002444276	0.652195827
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0	0.020125729	0.934986094	0.020125729	0.020125729	0.859945919
0.001286455	0.022874453	0.71062338	0.022874453	0.022874453	1.060338588
0.00068633	0.002613726	1.123080358	0.002613726	0.002613726	0.96457111
0.001198592	-0.07384183	1.943739077	-0.07384183	-0.07384183	1.48206067
0.000930027	-0.000841448	0.331943585	-0.000841448	-0.000841448	0.348223417
0.00250494	0.027689303	0.369639613	0.027689303	0.027689303	0.466471807
0.001906473	0.041023537	0.374117389	0.041023537	0.041023537	0.412430759
0.002483389	0.036586315	0.313687646	0.036586315	0.036586315	0.330791754
0.000629965	-0.002108355	0.277747544	-0.002108355	-0.002108355	0.182103996
0	0.100224483	0.524729475	0.100224483	0.100224483	0.693288308
0	0.32683202	0.734588234	0.32683202	0.32683202	0.32683202
0.00105602	0.004491863	0.246657865	0.004491863	0.004491863	0.241225223
0.002168406	0.03619946	0.363597718	0.03619946	0.03619946	0.388112738
0.0005736	0.033612496	0.320166341	0.033612496	0.033612496	0.429150059
0.368604196	0	0	0	0	0
0.00121517	0.0172055	0.395516618	0.0172055	0.0172055	0.466404327
0.000863715	0.756819282	0.726271275	0.756819282	0.756819282	0.756819282
0.000805692	0.022661576	0.418375651	0.022661576	0.022661576	0.56863835
0	0.048861961	0.497358682	0.048861961	0.048861961	0.626406954
0	0.029747547	0.384121861	0.029747547	0.029747547	0.391687953
0	0.068330027	0.476260275	0.068330027	0.070239544	0.467004403
0.000946605	0.126349246	1.283874343	0.126349246	0.129646904	1.299999274
0	0.04870874	0.430215577	0.04870874	0.04870874	0.457978826
0.000918423	0.014551367	0.424640229	0.014551367	0.015910152	0.500197279
0	0.172841716	0.392470143	0.172841716	0.172841716	0.372917529
0	0.308911731	0.249446199	0.308911731	0.308911731	0.235925648
0.001269877	0.040210978	0.316255823	0.040210978	0.046517647	0.365915452
0.001390897	0.176728407	1.691562315	0.176728407	0.176728407	1.776947394
0.000900187	0.04881788	0.468260757	0.04881788	0.051707908	0.536104658
0	0.122761113	0.408959502	0.122761113	0.122761113	0.383478308
0.000915107	0.18231002	1.911351043	0.18231002	0.18231002	1.967079796
0	0.062892383	0.548365517	0.062892383	0.066031377	0.548852815
0	0.050399001	0.513686757	0.050399001	0.053156997	0.490150223
0	0.12694771	1.111297313	0.12694771	0.12694771	0.964036026

0.347171336	2.626426556	0.347171336	0.347171336	0.347171336	0.347171336	0.347171336
0.012613645	0.776257583	0.012613645	0.012613645	0.012613645	0.012613645	0.012613645
0.011353514	1.017829932	0.011353514	0.011353514	0.011353514	0.011353514	0.011353514
0.266460824	0.829499344	0.721945077	1.08198948	0.028597061	0.278178121	0.028597061
0.020827418	1.067156833	0.040774863	0.068481208	0.020827418	0.020827418	0.020827418
0.034175076	1.066067216	0.034175076	0.034175076	0.034175076	0.034175076	0.034175076
0.000209645	0.897307784	0.000209645	0.000209645	0.000209645	0.000209645	0.000209645
0.008590034	0.879990067	0.008590034	0.008590034	0.008590034	0.008590034	0.008590034
0.019218395	1.042674858	0.018493764	0.019539044	0.019847352	0.019566049	0.020344677
0.01761807	0.913629504	0.01761807	0.01761807	0.01761807	0.01761807	0.01761807
0.017793577	0.834883164	0.017793577	0.017793577	0.017793577	0.017793577	0.017793577
0.002444276	0.726602276	0.002444276	0.003114304	0.002444276	0.002444276	0.002444276
0.019367165	0.812440985	0.019367165	0.019367165	0.019367165	0.019367165	0.019367165
0.020125729	1.013367614	0.020125729	0.020125729	0.020125729	0.020125729	0.020125729
0.022874453	0.918849772	0.022874453	0.022874453	0.022874453	0.022874453	0.022874453
0.002613726	1.018075291	0.002613726	0.002613726	0.002613726	0.002613726	0.002613726
-0.07384183	1.613459831	-0.07384183	-0.07384183	-0.07384183	-0.07384183	-0.07384183
-0.000316193	0.371236254	-0.000841448	-0.000841448	-0.000841448	-0.000841448	-0.000841448
0.027689303	0.430770594	0.027689303	0.027689303	0.027689303	0.027689303	0.027689303
0.041023537	0.40756488	0.041023537	0.041023537	0.041023537	0.041023537	0.041023537
0.036586315	0.330188576	0.036586315	0.036586315	0.036586315	0.036586315	0.036586315
-0.001707402	0.207158714	-0.002108355	-0.002108355	-0.002108355	-0.002108355	-0.002108355
0.100224483	0.632137974	0.100224483	0.100224483	0.100224483	0.100224483	0.100224483
0.32683202	0.726065596	0.32683202	0.32683202	0.32683202	0.32683202	0.32683202
0.004928962	0.251737812	0.004491863	0.004491863	0.004491863	0.004491863	0.004491863
0.03619946	0.376608069	0.03619946	0.03619946	0.03619946	0.03619946	0.03619946
0.033612496	0.378114357	0.033612496	0.033612496	0.033612496	0.033612496	0.033612496
0	0	0	0	0	0	0
0.0172055	0.428585532	0.01746482	0.0172055	0.0172055	0.017714097	0.0172055
0.756819282	0.756819282	0.756819282	0.756819282	0.756819282	0.756819282	0.756819282
0.022661576	0.477849749	0.022661576	0.022661576	0.022661576	0.022661576	0.022661576
0.048861961	0.547758032	0.048861961	0.048861961	0.048861961	0.048861961	0.048861961
0.029747547	0.378441672	0.029747547	0.029747547	0.029747547	0.029747547	0.029747547
0.068330027	0.443708526	0.069227079	0.068330027	0.068541999	0.068330027	0.068330027
0.126349246	1.233718057	0.126349246	0.126349246	0.126349246	0.126349246	0.126349246
0.04870874	0.433730917	0.048973986	0.04870874	0.04870874	0.04870874	0.04870874
0.014551367	0.455092049	0.014551367	0.014551367	0.014551367	0.014551367	0.014551367
0.172841716	0.350944073	0.172841716	0.172841716	0.172841716	0.172841716	0.172841716
0.308911731	0.226112763	0.308911731	0.308911731	0.308911731	0.308911731	0.308911731
0.041084338	0.322776881	0.041150097	0.040210978	0.040937434	0.040210978	0.040210978
0.176728407	1.643015822	0.176728407	0.176728407	0.176728407	0.176728407	0.176728407
0.049748383	0.476330659	0.049836478	0.04881788	0.049596732	0.04881788	0.04881788
0.122761113	0.359803333	0.122761113	0.122761113	0.122761113	0.122761113	0.122761113
0.183295672	1.850637282	0.18395095	0.18231002	0.184287879	0.183692594	0.183100848
0.062892383	0.527714874	0.062892383	0.062892383	0.062892383	0.062892383	0.062892383
0.05094711	0.48051088	0.051515013	0.050399001	0.050399001	0.050399001	0.050399001
0.12694771	0.969607802	0.12694771	0.12694771	0.127969143	0.12694771	0.12694771

5.061745018	0.347171336	0.347171336	0.347171336	0.347171336	0.347171336	3.795382845
1.312942222	0.012613645	0.012613645	0.012613645	0.012613645	0.012613645	1.335763769
1.326235037	0.011353514	0.011353514	0.011353514	0.011353514	0.011353514	1.363570563
1.491214218	0.028597061	0.028597061	0.028597061	0.028597061	0.028597061	1.465236935
1.223708352	0.020827418	0.020827418	0.020827418	0.020827418	0.020827418	1.255960146
1.519387663	0.034175076	0.034175076	0.034175076	0.034175076	0.034175076	1.471227014
1.135608561	0.000209645	0.000209645	0.000209645	0.000209645	0.000209645	1.146715439
1.392337002	0.008590034	0.008590034	0.008590034	0.008590034	0.008590034	1.25298763
1.206724202	0.018493764	0.018493764	0.018493764	0.018493764	0.018493764	1.21521322
1.285138608	0.01761807	0.01761807	0.01761807	0.01761807	0.01761807	1.305064083
1.284791717	0.017793577	0.017793577	0.017793577	0.017793577	0.017793577	1.288240032
1.028685443	0.002444276	0.002444276	0.002444276	0.002444276	0.002444276	1.067498126
1.362940433	0.019367165	0.019367165	0.019367165	0.019367165	0.019367165	1.368612279
1.232490411	0.020125729	0.020125729	0.020125729	0.020125729	0.020125729	1.227371245
1.439603339	0.022874453	0.022874453	0.022874453	0.022874453	0.022874453	1.442476052
1.048760527	0.002613726	0.002613726	0.002613726	0.002613726	0.002613726	1.081611703
2.211034365	-0.07384183	-0.07384183	-0.07384183	-0.07384183	-0.07384183	2.287004913
0.402393166	-0.000841448	-0.000841448	-0.000841448	-0.000841448	-0.000841448	0.408860387
0.503555606	0.027689303	0.027689303	0.027689303	0.027689303	0.027689303	0.526693428
0.527410405	0.041023537	0.041023537	0.041023537	0.041023537	0.041023537	0.54696367
0.463654843	0.036586315	0.036586315	0.036586315	0.036586315	0.036586315	0.467837119
0.291698195	-0.002108355	-0.002108355	-0.002108355	-0.002108355	-0.002108355	0.306919843
0.635476586	0.100224483	0.100224483	0.100224483	0.100224483	0.100224483	0.639924628
0.932069501	0.32683202	0.32683202	0.32683202	0.32683202	0.32683202	0.76622019
0.391118641	0.004491863	0.004491863	0.004491863	0.004491863	0.004491863	0.410500944
0.501260736	0.03619946	0.03619946	0.03619946	0.03619946	0.03619946	0.489415842
0.582535215	0.033612496	0.033612496	0.033612496	0.033612496	0.033612496	0.580113036
0	0	0	0	0	0	0
0.507268091	0.0172055	0.0172055	0.0172055	0.0172055	0.0172055	0.507205771
0.756819282	0.756819282	0.756819282	0.756819282	0.756819282	0.756819282	0.807495298
0.608845099	0.022661576	0.022661576	0.022661576	0.022661576	0.022661576	0.599987433
0.621233085	0.048861961	0.048861961	0.048861961	0.048861961	0.048861961	0.600994852
0.492355967	0.029747547	0.029747547	0.029747547	0.029747547	0.029747547	0.493361421
0.596909982	0.068330027	0.068330027	0.068330027	0.068330027	0.068330027	0.59411333
1.490823035	0.126349246	0.126349246	0.126349246	0.126349246	0.126349246	1.485993056
0.55446918	0.04870874	0.04870874	0.04870874	0.04870874	0.04870874	0.535899809
0.550881111	0.014551367	0.014551367	0.014551367	0.014551367	0.014551367	0.544171629
0.411849385	0.172841716	0.172841716	0.172841716	0.172841716	0.172841716	0.401867077
0.261601488	0.308911731	0.308911731	0.308911731	0.308911731	0.308911731	0.25031209
0.57570542	0.040210978	0.040210978	0.040210978	0.040210978	0.040210978	0.565860391
2.148047353	0.176728407	0.176728407	0.176728407	0.176728407	0.176728407	2.135705586
0.599368306	0.04881788	0.04881788	0.04881788	0.04881788	0.04881788	0.593042434
0.429032664	0.122761113	0.122761113	0.122761113	0.122761113	0.122761113	0.418753877
2.208757704	0.18231002	0.18231002	0.18231002	0.18231002	0.18231002	2.210263106
0.622377053	0.062892383	0.062892383	0.062892383	0.062892383	0.062892383	0.626465042
0.584275933	0.050399001	0.050399001	0.050399001	0.050399001	0.050399001	0.585094441
1.495004538	0.12694771	0.12694771	0.12694771	0.12694771	0.12694771	1.501936066

0.347171336	0.347171336	4.597799175	0.347171336	0.347171336	0.057990206
0.012613645	0.012613645	1.241187331	0.012613645	0.012613645	0.033213902
0.011353514	0.011353514	1.287572564	0.011353514	0.011353514	0.010684723
1.356511144	0.028597061	1.364181401	0.028597061	0.028597061	0.037558418
0.075496258	0.020827418	1.180476993	0.020827418	0.020827418	0.023291422
0.034175076	0.034175076	1.406793465	0.034175076	0.034175076	0.013567791
0.000209645	0.000209645	1.12101705	0.000209645	0.000209645	-0.000207281
0.008590034	0.008590034	1.224169295	0.008590034	0.008590034	0.023871391
0.018493764	0.02033474	1.148560891	0.018493764	0.018493764	0.017653226
0.01761807	0.01761807	1.191354119	0.01761807	0.01761807	0.03186901
0.017793577	0.017793577	1.179980677	0.017793577	0.017793577	0.052678998
0.002444276	0.002444276	1.052817727	0.002444276	0.002444276	0.009108757
0.019367165	0.019367165	1.217014866	0.019367165	0.019367165	0.045415922
0.020125729	0.020125729	1.209576735	0.020125729	0.020125729	0.0163105
0.022874453	0.022874453	1.287111497	0.022874453	0.022874453	0.03649956
0.002613726	0.002613726	1.035915883	0.002613726	0.002613726	0.003461649
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-0.000841448	-0.000841448	0.395079897	-0.000841448	-0.000841448	-0.008418977
0.027689303	0.027689303	0.476102207	0.027689303	0.027689303	0.023313079
0.041023537	0.041023537	0.518162747	0.041023537	0.041023537	0.056565948
0.036586315	0.036586315	0.452409388	0.036586315	0.036586315	0.023856601
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0.100224483	0.100224483	0.59005501	0.100224483	0.100224483	0.038556389
0.32683202	0.32683202	0.934837966	0.32683202	0.32683202	0.099035196
0.004491863	0.004491863	0.399338361	0.004491863	0.004491863	0.007779404
0.03619946	0.03619946	0.468537682	0.03619946	0.03619946	0.041011338
0.033612496	0.033612496	0.524346953	0.033612496	0.033612496	0.080983713
0	0	0	0	0	0
0.0172055	0.0172055	0.466720496	0.0172055	0.0172055	0.026119133
0.756819282	0.756819282	0.761324569	0.756819282	0.756819282	0
0.023623303	0.022661576	0.528679001	0.022661576	0.022661576	0.01823414
0.048861961	0.048861961	0.54148223	0.048861961	0.048861961	0.034214236
0.029747547	0.029747547	0.449843525	0.029747547	0.029747547	0.033512586
0.068330027	0.068330027	0.541628252	0.069681088	0.068330027	0.039284781
0.126349246	0.126349246	1.366641856	0.126349246	0.126349246	0.031280931
0.04870874	0.04870874	0.494227055	0.04870874	0.04870874	0.038917409
0.014551367	0.014551367	0.478726057	0.014551367	0.014551367	0.010272513
0.172841716	0.172841716	0.381497279	0.172841716	0.172841716	0.033841264
0.308911731	0.308911731	0.236277851	0.308911731	0.308911731	0.049376573
0.040210978	0.040210978	0.492855341	0.044914137	0.042475347	0.049874569
0.176728407	0.176728407	1.936259515	0.176728407	0.176728407	0.03435749
0.04881788	0.04881788	0.503047857	0.051517804	0.04881788	0.032938379
0.122761113	0.122761113	0.381922916	0.122761113	0.122761113	0.038830145
0.18231002	0.18231002	1.984513615	0.185773632	0.18231002	0.041572163
0.062892383	0.062892383	0.570275712	0.062892383	0.062892383	0.04780751
0.050399001	0.050399001	0.54255246	0.052522817	0.050399001	0.056572527
0.12694771	0.12694771	1.389270612	0.12694771	0.12694771	0.060617842

0.901376113	0.057990206	0.057990206	0.347171336	0.057990206
0.893122877	0.033213902	0.038919556	0.012613645	0.033213902
0.913382443	0.010684723	0.010684723	0.011353514	0.010684723
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0.910947481	0.023291422	0.03186437	0.020827418	0.023291422
0.804865358	0.013567791	0.013567791	0.034175076	0.013567791
0.883661147	-0.000207281	0.005669768	0.000209645	0
0.940928919	0.023871391	0.033517992	0.008590034	0.023871391
0.891492297	0.017653226	0.02604908	0.018493764	0.017653226
0.905879437	0.03186901	0.037550488	0.01761807	0.03186901
0.893550206	0.052678998	0.058902864	0.017793577	0.052678998
0.921950693	0.009108757	0.013729756	0.002444276	0.009108757
0.896904535	0.045415922	0.05255537	0.019367165	0.045415922
0.866984644	0.0163105	0.0163105	0.020125729	0.0163105
0.900042154	0.03649956	0.043578754	0.022874453	0.03649956
0.912138055	0.003461649	0.009096016	0.002613726	0.003461649
0.54419528	-0.009441333	-0.005399222	0	0
0.537027939	-0.008418977	-0.004986521	0	0
0.563473672	0.023313079	0.0264184	0.027689303	0.023313079
0.601030854	0.056565948	0.059053747	0.041023537	0.056565948
0.573058335	0.023856601	0.026495148	0.036586315	0.023856601
0.571591247	0.00652362	0.009075684	0	0.00652362
0.546803915	0.038556389	0.038556389	0.100224483	0.038556389
0.681202115	0.099035196	0.099035196	0.32683202	0.099035196
0.568221537	0.007779404	0.011196472	0.004491863	0.007779404
0.583023117	0.041011338	0.043338379	0.03619946	0.041011338
0.590028435	0.045069684	0.047381731	0.033612496	0.080983713
0	0	0	0	0
0.570385563	0.026119133	0.028625771	0.0172055	0.026119133
0	0	0	0.756819282	0
0.526537778	0.01823414	0.02029952	0.022661576	0.01823414
0.54071228	0.034214236	0.034214236	0.048861961	0.034214236
0.534412721	0.033512586	0.033512586	0.029747547	0.033512586
0.481993568	0.039284781	0.039284781	0.068330027	0.039284781
0.543590208	0.032493905	0.032788923	0.126349246	0.031280931
0.541028062	0.038917409	0.038917409	0.04870874	0.038917409
0.529685945	0.010272513	0.012761193	0.014551367	0.010272513
0.392394995	0.033841264	0.033841264	0.172841716	0.033841264
0.374377609	0.049376573	0.049376573	0.308911731	0.049376573
0.456838602	0.052252662	0.052637464	0.040210978	0.049874569
0.520743226	0.035531337	0.035967423	0.176728407	0.03435749
0.403126149	0.032938379	0.034951979	0.04881788	0.032938379
0.400211592	0.038830145	0.038830145	0.122761113	0.038830145
0.511346275	0.04318213	0.042932131	0.18231002	0.041572163
0.427014764	0.04780751	0.04780751	0.062892383	0.04780751
0.417459045	0.056572527	0.056572527	0.050399001	0.056572527
0.486843652	0.062343859	0.060617842	0.12694771	0.060617842

0	2.650410325	0	0	2.897855762	0	2.257126529
0	1.366360314	0	0	1.697301422	0	1.565840773
0	0.835548993	0	0	1.020757523	0	0.967389955
0	0	0	0	0.994128924	0	0.832005284
0	0.888918306	0	0	1.167308094	0	1.067662345
0	0.865582648	0	0	0.832929907	0	0.901653326
0	0.865605596	0	0	0.854137633	0	0.897098139
0	0.693135411	0	0	0.999376305	0	0.886628383
0	1.786101197	0	0	2.221570794	0	2.045379136
0	0.748679917	0	0	1.057493313	0	0.929938081
0	0.67773952	0	0	0.947872776	0	0.848821221
0	1.002968518	0	0	0.687601156	0	0.766341962
0	0.646567067	0	0	0.934935492	0	0.826182727
0	0.905978226	0	0	0.831666597	0	0.98359876
0	0.704441862	0	0	1.062645303	0	0.917722292
0	1.153101583	0	0	0.989975561	0	1.045038116
0	2.039020404	0	0	1.554710703	0	1.692550999
0	0.335197934	0	0	0.351637372	0	0.374875826
0	0.690940772	0	0	0.886598764	0	0.814461313
0	0.668800205	0	0	0.745727442	0	0.735957521
0	0.558006013	0	0	0.592448992	0	0.591234356
0	0.288639604	0	0	0.189245329	0	0.215282585
0	0.839437813	0	0	1.172754642	0	1.051832854
0	0	0	0	0	0	0
0	0.244540178	0	0	0.239054275	0	0.249669929
0	0.670524472	0	0	0.720732194	0	0.697170181
0	0.29610564	0	0	0.408722148	0	0.355985256
0	0	0	0	0	0	0
0	0.38424541	0	0	0.456245083	0	0.417833052
0	0	0	0	0	0	0
0	0.403473174	0	0	0.556682201	0	0.464113431
0	0.460808395	0	0	0.593399169	0	0.512591258
0	0.717434273	0	0	0.7327519	0	0.705934675
0	0.814260769	0	0	0.795785323	0	0.749284926
0	1.146176812	0	0	1.162143655	0	1.096512254
0	0.77872278	0	0	0.835392471	0	0.785898209
0	0.412099102	0	0	0.488026529	0	0.442700196
0	0.226088086	0	0	0.205960395	0	0.183340661
0	0	0	0	0	0	0
0	0.287140766	0	0	0.338796517	0	0.293923945
0	1.52968522	0	0	1.615907408	0	1.480662781
0	0.417386784	0	0	0.484898117	0	0.425417128
0	0.294615988	0	0	0.268385347	0	0.244014049
0	1.729041023	0	0	1.784769776	0	1.668327262
0	0.481665501	0	0	0.482148978	0	0.461176824
0	0.456928905	0	0	0.433715421	0	0.424208383
0	0.984349603	0	0	0.837088315	0	0.842660092

0	0	0	0	0	4.668801123	0
0	0	0	0	0	2.666304809	0
0	0	0	0	0	1.263818163	0
0	1.094300862	0	0	0	1.519417823	0
0.020354141	0.048625372	0	0	0	1.227405692	0
0	0	0	0	0	1.297758571	0
0	0	0	0	0	1.135398916	0
0	0	0	0	0	1.407928955	0
0	0	0	0	0	2.373000011	0
0	0	0	0	0	1.315514035	0
0	0	0	0	0	1.316201951	0
0	0	0	0	0	1.086022207	0
0	0	0	0	0	1.399664191	0
0	0	0	0	0	1.200594152	0
0	0	0	0	0	1.451115509	0
0	0	0	0	0	1.076617097	0
0	0	0	0	0	2.319418402	0
0	0	0	0	0	0.406338197	0
0	0	0	0	0	0.961529854	0
0	0	0	0	0	0.976588535	0
0	0	0	0	0	0.85999878	0
0	0	0	0	0	0.30313734	0
0	0	0	0	0	1.058434795	0
0	0	0	0	0	0.640839685	0
0	0	0	0	0	0.390417236	0
0	0	0	0	0	0.952463732	0
0	0	0	0	0	0.567220142	0
0	0	0	0	0	0	0
0	0	0	0	0	0.497749847	0
0	0	0	0	0	0	0
0	0	0	0	0	0.597677318	0
0	0	0	0	0	0.588083272	0
0	0	0	0	0	0.936555283	0
0	0	0	0	0	1.055087048	0
0	0	0	0	0	1.351096594	0
0	0	0	0	0	1.032346309	0
0	0	0	0	0	0.538958811	0
0	0	0	0	0	0.246037307	0
0	0	0	0	0	0	0
0	0	0	0	0	0.557019219	0
0	0	0	0	0	1.990645601	0
0	0	0	0	0	0.547851649	0
0	0	0	0	0	0.315279537	0
0	0	0	0	0	2.026447684	0
0	0	0	0	0	0.555096555	0
0	0	0	0	0	0.52654921	0
0	0	0	0	0	1.368056827	0

0	0	0	0	3.414733728	0	0
0	0	0	0	2.713100059	0	0
0	0	0	0	1.299703766	0	0
0	0	0	0	1.492431713	1.379483562	0
0	0	0	0	1.260315046	0.055783448	0
0	0	0	0	1.25567645	0	0
0	0	0	0	1.146505794	0	0
0	0	0	0	1.266144351	0	0
0	0	0	0	2.389953321	0	0
0	0	0	0	1.33619397	0	0
0	0	0	0	1.319784181	0	0
0	0	0	0	1.127095822	0	0
0	0	0	0	1.405572823	0	0
0	0	0	0	1.195524686	0	0
0	0	0	0	1.454057948	0	0
0	0	0	0	1.110425103	0	0
0	0	0	0	2.399112997	0	0
0	0	0	0	0.412868822	0	0
0	0	0	0	1.008281864	0	0
0	0	0	0	1.015848424	0	0
0	0	0	0	0.868420737	0	0
0	0	0	0	0.318955915	0	0
0	0	0	0	1.067230581	0	0
0	0	0	0	0	0	0
0	0	0	0	0.409989562	0	0
0	0	0	0	0.928204925	0	0
0	0	0	0	0.564717224	0	0
0	0	0	0	0	0	0
0	0	0	0	0.497686549	0	0
0	0	0	0	0	0	0
0	0	0	0	0.588645972	0	0
0	0	0	0	0.56728948	0	0
0	0	0	0	0.938590833	0	0
0	0	0	0	1.049504711	0	0
0	0	0	0	1.346313969	0	0
0	0	0	0	0.994442948	0	0
0	0	0	0	0.532216441	0	0
0	0	0	0	0.235761401	0	0
0	0	0	0	0	0	0
0	0	0	0	0.546778459	0	0
0	0	0	0	1.978182838	0	0
0	0	0	0	0.541556786	0	0
0	0	0	0	0.304698434	0	0
0	0	0	0	2.027953086	0	0
0	0	0	0	0.559152481	0	0
0	0	0	0	0.527356483	0	0
0	0	0	0	1.374988356	0	0

4.209359608	0	0	0	0
2.51917245	0	0	0	1.76323083
1.226657145	0	0	0	0.867641498
1.387451692	0	0	0	0.927835965
1.183292916	0	0	0	0.905753901
1.199375291	0	0	0	0.691425058
1.120807405	0	0	0	0.883661147
1.236822394	0	0	0	0.933083777
2.256842796	0	0	0	1.745132979
1.218178482	0	0	0	0.907104026
1.20732058	0	0	0	0.8735264
1.111560254	0	0	0	0.966017195
1.247646586	0	0	0	0.887036196
1.177902939	0	0	0	0.842415172
1.294922409	0	0	0	0.884502366
1.063398336	0	0	0	0.935142709
2.307991999	0	0	0	0.570871519
0.39895323	0	0	0	0.542292919
0.906057837	0	0	0	1.09144214
0.958020689	0	0	0	1.093200124
0.837353521	0	0	0	1.105941531
0.313736338	0	0	0	0.587227142
0.968615857	0	0	0	1.005034568
0.643771001	0	0	0	0
0.398717542	0	0	0	0.565936664
0.885445634	0	0	0	1.110061379
0.507092272	0	0	0	0.526012879
0	0	0	0	0
0.456566212	0	0	0	0.552803943
0	0	0	0	0
0.515939335	0	0	0	0.518270376
0.506143178	0	0	0	0.520401911
0.850488427	0	0	0	1.014077235
0.944740379	0	0	0	0.883681461
1.228132879	0	0	0	0.507286637
0.909381502	0	0	0	1.024896452
0.466450057	0	0	0	0.521959576
0.214792491	0	0	0	0.369099429
0	0	0	0	0.337746174
0.470838892	0	0	0	0.423322392
1.776781413	0	0	0	0.491154223
0.452003359	0	0	0	0.368373124
0.266784208	0	0	0	0.372010312
1.802203596	0	0	0	0.469774112
0.503403852	0	0	0	0.37623308
0.485398411	0	0	0	0.355933174
1.262322902	0	0	0	0.42622581

0	0	p	
0	0		0.678973078
0	0		0.880662062
0	0		0.791452698
0	0		0.891984273
0	0		1.024786329
0	0		0.865815241
0	0.009815183		0.689820448
0	0		0.912846819
0	0		0.738984126
0	0		0.67019704
0	0		0.950203517
0	0		0.640023342
0	0		0.934986094
0	0		0.71062338
0	0		1.123080358
0	0	p	
0	0		1.15219089
0	0		1.123356816
0	0		1.094741894
0	0		1.021275238
0	0		0.942140732
0	0		1.418567078
0	0		1.642078699
0	0		0.833637642
0	0		1.098631924
0	0		0.932009185
0	0		0
0	0		1.232105857
0	0		1.597681745
0	0		1.279536546
0	0		1.48423341
0	0		1.242642229
0	0		1.606775798
0	0	p	
0	0		1.354798913
0	0		1.368720358
0	0		1.79536237
0	0		2.145308884
0	0		1.023128854
0	0	p	
0	0		1.520381252
0	0		1.859513669
0	0	p	
0	0		1.697443809
0	0		1.61689776
0	0	p	

					0.901376113
0.840369547	0.776257583	1.312942222	1.335763769	1.241187331	0.893122877
1.073353765	1.017829932	1.326235037	1.363570563	1.287572564	0.913382443
0.985562287	0.829499344	1.491214218	1.465236935	1.364181401	0.930708927
1.164811563	1.067156833	1.223708352	1.255960146	1.180476993	0.910947481
0.987417081	1.066067216	1.519387663	1.471227014	1.406793465	0.804865358
0.854347278	0.897307784	1.135608561	1.146715439	1.12101705	0.883661147
0.990801479	0.879990067	1.392337002	1.25298763	1.224169295	0.940928919
1.130899169	1.042674858	1.206724202	1.21521322	1.148560891	0.891492297
1.036531177	0.913629504	1.285138608	1.305064083	1.191354119	0.905879437
0.930231856	0.834883164	1.284791717	1.288240032	1.179980677	0.893550206
0.652195827	0.726602276	1.028685443	1.067498126	1.052817727	0.921950693
0.916835531	0.812440985	1.362940433	1.368612279	1.217014866	0.896904535
0.859945919	1.013367614	1.232490411	1.227371245	1.209576735	0.866984644
1.060338588	0.918849772	1.439603339	1.442476052	1.287111497	0.900042154
0.96457111	1.018075291	1.048760527	1.081611703	1.035915883	0.912138055
					0.996605401
1.339920239	1.352081591	0.976297018	1.019342635	1.023774191	0.947540469
1.539029017	1.358088505	1.112908314	1.190797213	1.115671063	0.936136597
1.312404705	1.237899361	1.135422749	1.203464689	1.179634686	0.981519208
1.201940392	1.132860962	1.099920044	1.141380282	1.144612776	0.953603668
0.682746111	0.734771308	0.696568412	0.752193382	0.76864796	0.989168555
2.020118798	1.77325232	1.297822863	1.335363096	1.26763655	0.890438569
0.32683202	1.668950637	1.711209874	1.368305913	1.802483745	1.06139669
0.899792984	0.889539412	0.936941596	1.010927484	1.021689938	0.985953668
1.283976006	1.184872426	1.107232957	1.106829029	1.09647675	0.961825451
1.337989089	1.136737842	1.231399975	1.253135225	1.176802353	0.959327962
0	0	0	0	0	0
1.578791707	1.385775821	1.140107284	1.167600212	1.114445014	0.944572336
0.756819282	0.756819282	0.756819282	1.859982392	1.529424148	0
1.864010076	1.511060737	1.345249657	1.357536902	1.242779305	0.87243839
2.033947888	1.699496599	1.357747687	1.344368427	1.251943673	0.884145316
1.399103506	1.276675469	1.142116801	1.174537404	1.106700427	0.886459628
1.747476195	1.544048221	1.434009031	1.467097979	1.372909913	0.809798263
					0.908552408
1.59905274	1.426505131	1.265301838	1.251591738	1.190845263	0.890478435
1.769775941	1.529036714	1.269557562	1.285857011	1.17303888	0.884127621
1.899996215	1.537886786	1.145095557	1.141443122	1.10228182	0.713411801
2.230929791	1.660457522	1.129991281	1.06923818	0.973840049	0.745136167
1.342299312	1.095585949	1.390873816	1.403143365	1.253975048	0.763347751
					0.883728273
1.957914048	1.619919372	1.397743135	1.418756529	1.232485344	0.676049282
1.939193254	1.601141307	1.200504974	1.201579007	1.102854502	0.749041381
					0.862973311
1.866557706	1.696827056	1.391625878	1.436548543	1.347374332	0.713680683
1.690135387	1.568682679	1.321928888	1.357558879	1.299969409	0.693842987
					0.823715299

121]
122]
p 123]
124]
125]

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed May 22 13:56:38 2019

Undecane	1.004901961	-1.20765462	3.56155361
1,2,4-Trichlorobenzene	1.068627451	-0.342853579	2.002113036
Naphthalene	0.960784314	-0.095634265	0.903795226
Dodecane	0.969607843	-3.710133114	5.864254649
Hexachlorobutadiene	1.058823529	0.044880176	0.909635171

0.023005486	0.157658466	1.485608378	0.215347068	0.96875	-0.971008477	2.943753785
0.014453546	0.082090498	0.356177821	0.383842001	1.958333333	-0.816746665	3.141102361
0.03276924	0.017658157	0.294195168	0.217938252	1.145833333	-0.695042628	2.449999681
0.002321675	0.159421073	1.346495678	0.336435778	1.030208333	-9.913324351	8.871389305
-0.024915229	0.070732318	0.325084027	0.219015557	1.0875	0.031748527	1.379326002

0.047890414	0.048866838	1.392872849	0.165806412	0.01312259
-0.046801556	0.057661526	1.757642304	0.12985837	0.006380002
0.020788448	0.03961838	0.689670386	0.334338963	0.007932279
0.026751821	0.100404558	2.029109167	0.301043626	0.007525364
-0.078907721	0.112485083	0.91473428	0	0.00323389

0.013186916	0.98346175	0	177737	0
0.006817845	1.1854837	0	348735	0
0.007621209	3.607999787	0	1012845	1752
0.007296652	1.052789425	0	120657	2651
0.003424118	1.129799747	0	573592	557

8350	1272413	11936	854933	12175	2053
372	1922264	2308	1497306	2502	0
4685	6293609	0	4704579	30251	0
10296	734008	95456	549446	29642	8153
424	2360416	1911	1912366	1794	1240
				30251	
				29642	
				1794	

5141	1218	0	289764	0	0	2721
5547	1319	0	276702	0	0	0
25451	0	0	833502	0	0	0
11089	5826	2188	160109	14651	0	6508
3242	1053	1004	472408	0	0	0

1809	0	274373	0	863	239445	22035
0	0	258685	0	0	239014	760
0	0	771852	0	0	702742	9445
1769	5129	146798	9635	15745	127247	71596
308	322	453665	339	460	422043	823

5284	0	78231	2514	1163
0	688	85280	2645	602
0	0	118193	3672	948
9059	0	21436	3001	1735
397	758	226292	10449	0

0	0.104253686	0	0.009350671	0.109640719	0.001635865	0.103947152
0	0.204554533	0	0.000416581	0.165636792	0.000316318	0.182050166
0	0.594095906	0.001840734	0.005246455	0.54230491	0	0.572006917
0	0.070772754	0.002785267	0.011529882	0.063247676	0.013082535	0.066804471
0	0.336446997	0.000585211	0.000474813	0.203391279	0.000261908	0.232515296

0.001786501	0.000382772	0.001002622	0.000250593	0	0.17155869	0
0.000367131	0	0.001081802	0.000271373	0	0.163825157	0
0.004438886	0	0.004963574	0	0	0.493486117	0
0.004349524	0.001520086	0.002162629	0.00119865	0.000485214	0.094794696	0.014684981
0.000263243	0.000231192	0.00063227	0.000216646	0.000222648	0.279695537	0

0	0.002888992	0.001267588	0	0.170579374	0	0.000598581
0	0	0	0	0.160826048	0	0
0	0	0	0	0.479865115	0	0
0	0.006909798	0.001239559	0.003600653	0.091265215	0.006263025	0.010920817
0	0	0.000215819	0.00022605	0.282046308	0.00022036	0.000319058

0.152896441	0.014610131	0.003414253	0	0.106215056	0.00404683
0.152621228	0.000503912	0	0.00111362	0.115785558	0.004257703
0.448732488	0.006262432	0	0	0.160471886	0.005910883
0.081252953	0.047471158	0.005853466	0	0.029103884	0.004830762
0.269493506	0.000545684	0.000256521	0.001226924	0.307239041	0.016819939

0.001928025	0.022625016	0.374880653	0.022625016	0.055273316	0.392381042
0.000997997	0.017134444	0.48563218	0.017134444	0.018123116	0.399117688
0.001571597	0.118231413	1.933729768	0.124232682	0.135330042	1.785152809
0.002876288	0.002444235	0.419818601	0.019609682	0.073108456	0.377299331
0	-0.02814922	0.323358941	-0.027547778	-0.027661241	0.182974725

0.028351703	0.373882773	0.028878716	0.023965557	0.026135658	0.023502682	0.022625016
0.017885176	0.435754899	0.018005765	0.017134444	0.019701595	0.01777851	0.017134444
0.118231413	1.870587707	0.132699347	0.118231413	0.134408596	0.118231413	0.118231413
0.082545002	0.397451575	0.029223543	0.011819953	0.015777661	0.009838878	0.005438941
-0.027880051	0.213549365	-0.02787868	-0.02791162	-0.027499412	-0.027926569	-0.0279204

0.588579045	0.022625016	0.022625016	0.032734236	0.027063026	0.022625016	0.585546788
0.395060416	0.017134444	0.017134444	0.017134444	0.017134444	0.017134444	0.388337859
1.643407692	0.118231413	0.118231413	0.118231413	0.118231413	0.118231413	1.603565719
0.552590775	0.092264421	0.002444235	0.044917627	0.010091056	0.024623395	0.533365421
0.263262126	-0.02814922	-0.02814922	-0.02814922	-0.027927419	-0.027916904	0.265744985

0.022625016	0.024721213	0.530403174	0.0735457	0.034570109	0.047890414
0.017134444	0.017134444	0.369909236	0.018330362	0.017134444	-0.043304574
0.118231413	0.118231413	1.512020795	0.138639001	0.118231413	0.020788448
0.040957842	0.069401604	0.478298267	0.28672068	0.038448682	0.026751821
-0.027922752	-0.027821316	0.252493346	-0.027588402	-0.027885588	-0.077215344

0.349606821	0.059787383	0.053562435	0.022625016	0.047890414
0.305943186	-0.033442481	-0.043667557	0.017134444	0
0.396046317	0.035245825	0.024637143	0.118231413	0.020788448
0.276546762	0.069376055	0.052186479	0.002444235	0.026751821
0.347872006	-0.05569856	-0.078907721	0	0

0	0.353982381	0	0	0.371568556	0	0.352979609
0	0.500649542	0	0	0.408197781	0	0.44734931
0	1.744302341	0	0	1.60155193	0	1.683636439
0	0.404689459	0	0.068516583	0.363462441	0.077666332	0.383002215
0	0.342380055	0	0	0.193737944	0	0.226111093

0	0	0	0	0	0.568728313	0
0	0	0	0	0	0.403862068	0
0	0	0	0	0	1.465365445	0
0.025965428	0	0	0	0	0.5334264	0.087090357
0	0	0	0	0	0.278748133	0

0	0	0	0	0.565681193	0	0
0	0	0	0	0.396678159	0	0
0	0	0	0	1.427085902	0	0
0	0.041182534	0	0	0.514785347	0.037343096	0.06492239
0	0	0	0	0.281377042	0	0

0.510267267	0.051170295	0	0	0.303195409
0.376984827	0	0	0	0.326939287
1.339130975	0	0	0	0.360541874
0.461391802	0.275636671	0.034910194	0	0.242203134
0.267345895	0	0	0	0.368335065

0	0		1.105941647
0	0		1.459227922
0	0	p	
0.041328791	0.024661644		1.251987662
0	0		1.201330137

1.251522002	1.144078562	1.252704949	1.273752634	1.200577024	0.568808067
1.322899937	1.369783735	0.879157857	0.885180263	0.873602344	0.564780407
					0.662780165
1.236699842	1.23703583	1.194510778	1.182657195	1.10723697	0.458954175
0.776732453	0.845870529	0.676972153	0.702419997	0.696691256	0.683447808

Cell: D24

Comment: Ingrid:

Correction factor for actual calibration standard concentrations

	Compound
Inte	rnal Standards
1)	Bromochloromethane
62)	1,4-Difluorobenzene
89)	Chlorobenzene-d5
Targ	et Compounds
2]	Propylene
3]	Propane
4]	Dichlorodifluoromethane
5]	Chloromethane
6]	Isobutane
7]	Dichlorotetrafluoroethane
8]	Vinyl Chloride
9]	1-Butene
10]	1,3-Butadiene
11]	Butane
12)	trans-2-butene
13]	Bromomethane
14]	cis-2-butene
15]	Chloroethane
16]	Ethanol
17]	Vinyl Bromide
18]	Acetonitrile
19]	Acrolein
20]	Acetone
21]	iso-Pentane
22]	Trichlorofluoromethane
23]	Isopropyl Alcohol
24]	1-Pentene
25]	Acrylonitrile

MEAN ICAL RTs
03/24/19 cal

10.0022
12.08793333
18.38946667

5.113
5.170933333
5.411533333
5.7198
5.9398
5.924266667
6.0738
6.2072
6.2576
6.3334
6.453
6.6076
6.6378
6.7802
6.8842
7.127
7.097933333
7.212133333
7.329866667
7.3476
7.482533333
7.515866667
7.571
7.716666667

TO15A QA: RTs within a few seconds of their mean ICAL RTs

RETENTION TIMES

041219003.D	041219004.D
1 ppb	Ambient
R.T.	R.T.
---	---
9.991	10.002
12.085	12.08
18.386	18.39
5.101	5.194
5.199	5.21
5.418	5.412
5.723	5.724
5.919	5.927
5.919	5.896
6.053	0
6.199	6.192
6.248	6.207
6.321	6.317
6.443	0
6.59	0
6.626	0
6.761	0
6.858	6.867
7.115	7.103
7.084	7.093
7.197	7.196
7.3	7.308
7.331	7.329
7.464	7.473
7.495	7.504
7.556	7.504
7.7	7.76

041219006.D	041219007.D	041219009.D
Ambient dup	System blank	Batch Blank 2

R.T.	R.T.	R.T.
---	---	---
10.002	10.002	9.989
12.08	12.08	12.08
18.39	18.39	18.39
5.21	5.132	5.147
5.21	5.194	5.194
5.428	5.397	5.397
5.74	5.724	5.724
5.927	5.927	5.911
5.927	0	0
0	0	0
6.192	6.192	6.192
6.208	6.208	6.192
6.317	6.317	6.317
0	0	0
0	6.613	6.566
0	6.613	0
0	6.769	6.753
6.867	6.867	6.867
7.124	7.114	7.113
7.103	7.093	7.083
7.206	7.196	7.195
7.309	7.309	7.298
7.329	7.309	7.298
7.473	7.473	7.473
7.514	7.514	7.493
7.534	7.555	7.545
7.75	0	7.719

041219011.D	041219013.D	041519002.D
Trip Blank	Field Blank	Inst blank

R.T.	R.T.	R.T.
---	---	---
10.002	10.002	10.002
12.092	12.08	12.092
18.396	18.39	18.396
5.132	5.178	5.132
5.178	5.163	5.178
5.444	5.412	5.428
5.74	5.724	0
5.927	5.927	5.942
0	0	0
0	0	0
6.208	6.192	6.207
6.192	6.192	6.223
6.332	6.317	6.317
0	0	0
0	0	0
0	0	0
6.785	6.753	0
6.877	6.867	6.887
7.124	7.103	7.134
7.113	7.093	7.113
7.216	7.196	7.226
7.319	7.309	7.329
7.319	7.319	7.329
7.483	7.473	7.483
7.514	7.504	7.524
7.565	7.545	0
0	0	0

041519003.D	041519005.D	041519006.D
1 ppb	batch blank 1	Sample 1

R.T.	R.T.	R.T.
9.992	9.99	10.002
12.086	12.08	12.092
18.387	18.39	18.39
5.113	5.132	5.225
5.162	5.132	5.225
5.43	5.428	5.443
5.723	5.74	5.755
5.931	5.927	5.942
5.918	0	0
6.065	0	0
6.211	6.192	6.223
6.26	6.208	6.223
6.333	6.332	6.348
6.443	0	0
6.602	0	0
6.626	0	0
6.773	0	0
6.868	6.867	6.877
7.125	7.124	7.124
7.094	7.103	0
7.207	7.206	7.216
7.32	7.309	7.319
7.341	7.319	7.339
7.474	7.473	7.483
7.505	7.504	7.524
7.567	7.565	7.545
7.71	0	0

041519007.D	041519009.D	041519011.D
Sample 1dup	Sample 2	Sample 3
R.T.	R.T.	R.T.
---	---	---
10.002	9.99	10.014
12.092	12.08	12.092
18.39	18.384	18.39
5.225	5.225	5.241
5.225	5.225	5.241
5.428	5.412	5.443
5.74	5.724	5.755
5.943	5.927	5.958
0	0	5.958
0	0	0
6.208	6.192	6.223
6.223	6.223	6.254
6.332	6.317	6.348
0	0	0
6.629	0	0
0	0	0
0	0	0
6.877	6.836	6.504
7.124	7.124	7.144
0	0	7.113
7.216	7.196	7.226
7.319	7.309	7.329
7.339	7.319	7.36
7.483	7.473	7.504
7.514	7.504	7.524
7.545	7.545	7.524
7.76	7.74	0

041519013.D	041519015.D	041519017.D
Sample 4	Sample 5	Sample 6

R.T.	R.T.	R.T.
---	---	---
10.002	10.002	10.002
12.08	12.092	12.08
18.39	18.39	18.384
5.225	5.225	5.225
5.225	5.225	5.225
5.412	5.428	5.412
5.74	5.74	5.74
5.927	5.927	5.927
5.911	5.896	5.942
0	0	0
6.208	6.192	6.207
6.223	6.239	6.239
6.332	6.332	6.332
0	0	6.441
0	0	0
0	6.629	0
0	0	0
6.836	6.836	6.846
7.124	7.124	7.134
0	0	7.083
7.206	7.206	7.206
7.309	7.309	7.308
7.339	7.319	7.329
7.483	7.483	7.483
7.514	7.504	7.504
7.535	7.534	7.545
7.75	7.75	7.75

041619002.D	041619003.D	041619005.D
Inst blank	1 ppb	batch blank 1

R.T.	R.T.	R.T.
---	---	---
10.002	10.003	10.002
12.092	12.085	12.092
18.396	18.39	18.396
5.163	5.113	5.147
5.147	5.162	5.163
5.397	5.418	5.412
0	5.723	5.724
5.942	5.943	5.927
0	5.931	0
0	6.077	0
6.192	6.211	6.208
0	6.26	0
6.332	6.333	6.332
0	6.455	0
0	6.614	6.597
6.192	6.639	0
0	6.785	6.769
6.888	6.889	6.867
7.124	7.125	7.124
7.103	7.094	7.103
7.226	7.218	7.216
7.319	7.33	7.319
7.319	7.351	7.319
0	7.484	7.483
0	7.515	7.504
0	7.567	0
0	7.71	0

041619006.D	041619007.D	041619009.D
Sample 7	Sample 7dup	Sample 8

R.T.	R.T.	R.T.
---	---	---
9.99	9.99	9.99
12.08	12.08	12.08
18.384	18.39	18.39
5.21	5.21	5.21
5.225	5.21	5.225
5.412	5.412	5.412
5.724	5.724	5.724
5.911	5.927	5.927
5.911	5.911	0
0	0	0
6.192	6.192	6.192
6.239	6.223	6.239
6.317	6.317	6.317
0	0	0
6.582	0	0
0	0	0
6.769	6.753	6.769
6.826	6.826	6.836
7.124	7.114	7.124
7.072	7.073	7.072
7.196	7.196	7.196
7.298	7.298	7.298
7.309	7.319	7.309
7.473	7.473	7.473
7.493	7.504	7.504
7.534	7.535	7.524
7.75	7.74	7.74

041619011.D	041619013.D	041619015.D
Sample 9	Sample 10	Sample 11
R.T.	R.T.	R.T.
---	---	---
10.002	10.014	10.014
12.08	12.092	12.092
18.39	18.396	18.396
5.163	5.225	5.225
5.194	5.225	5.21
5.412	5.428	5.755
5.709	5.724	5.74
5.927	5.942	6.208
5.911	5.942	0
0	0	0
6.192	6.208	0
6.223	6.223	0
6.332	6.348	0
6.442	6.457	0
6.598	6.613	0
6.629	6.208	0
6.769	6.8	0
6.847	6.504	6.877
7.114	7.134	7.144
7.083	7.103	7.103
7.196	7.216	7.216
7.309	7.329	7.319
7.319	7.35	7.339
7.473	7.493	7.493
7.504	7.524	7.524
7.535	7.555	7.565
7.75	7.771	7.771

041619017.D	041719002.D	041719003.D
Sample 12	Inst blank	1 ppb

R.T.	R.T.	R.T.
---	---	---
10.014	10.014	10.003
12.092	12.104	12.085
18.396	18.402	18.391
5.147	5.132	5.101
5.163	5.163	5.162
5.397	5.428	5.394
5.709	0	5.711
5.927	5.943	5.943
5.943	0	5.919
0	0	6.065
6.192	6.208	6.199
6.208	0	6.248
6.332	6.348	6.321
0	0	6.456
6.613	0	6.602
0	0	6.639
6.785	0	6.773
6.488	6.898	6.879
7.134	7.144	7.125
7.093	7.144	7.094
7.216	7.247	7.207
7.319	7.339	7.32
7.339	7.35	7.351
7.493	7.504	7.485
7.524	7.534	7.515
7.545	0	7.567
7.771	0	7.71

041719005.D	041719006.D	041719007.D
batch blank 1	Sample 13	Sample 13dup

R.T.	R.T.	R.T.
---	---	---
10.002	10.002	9.99
12.08	12.08	12.08
18.39	18.39	18.39
5.116	5.147	5.132
5.116	5.163	5.147
5.381	5.412	5.366
5.724	5.709	5.693
5.927	5.927	5.911
0	5.896	5.896
0	0	0
6.192	6.176	6.176
6.192	6.192	6.176
6.317	6.317	6.301
0	0	0
0	0	6.597
6.192	0	0
0	6.769	6.769
6.877	6.877	6.857
7.113	7.113	7.113
7.103	0	7.072
7.206	7.206	7.196
7.308	7.309	7.298
7.319	7.329	7.319
7.473	7.473	7.463
7.504	7.504	7.504
7.565	7.545	7.524
0	7.76	7.75

041719009.D	041719011.D	041719013.D
Sample 14	Sample 15	Sample 16

R.T.	R.T.	R.T.
---	---	---
10.002	10.002	10.002
12.092	12.092	12.08
18.39	18.396	18.39
5.21	5.194	5.21
5.21	5.194	5.21
5.397	5.412	5.412
5.724	5.709	5.724
5.927	5.927	5.927
5.911	5.896	5.896
0	0	0
6.192	6.192	6.192
6.223	6.239	6.192
6.332	6.317	6.317
6.442	0	6.441
0	0	0
6.629	6.192	6.629
6.769	6.769	0
6.857	6.877	6.867
7.124	7.124	7.124
7.083	7.093	7.083
7.196	7.196	7.196
7.309	7.308	7.308
7.339	7.339	7.329
7.483	7.473	7.473
7.514	7.514	7.504
7.545	7.504	7.545
7.76	7.319	7.75

ABSOLUTE DIFFERENCE FROM MEAN ICAL RTS
Highlighted >2 s diff

041219003.D	041219004.D
1 ppb	Ambient
0.672	0.012
0.176	0.476
0.208	0.032
0.72	4.86
1.684	2.344
0.388	0.028
0.192	0.252
1.248	0.768
0.316	1.696
1.248	0
0.492	0.912
0.576	3.036
0.744	0.984
0.6	0
1.056	0
0.708	0
1.152	0
1.572	1.032
0.72	1.44
0.836	0.296
0.908	0.968
1.792	1.312
0.996	1.116
1.112	0.572
1.252	0.712
0.9	4.02
1	2.6

041219006.D	041219007.D	041219009.D
Ambient dup	System blank	Batch Blank 2
0.012	0.012	0.792
0.476	0.476	0.476
0.032	0.032	0.032
5.82	1.14	2.04
2.344	1.384	1.384
0.988	0.872	0.872
1.212	0.252	0.252
0.768	0.768	1.728
0.164	0	0
0	0	0
0.912	0.912	0.912
2.976	2.976	3.936
0.984	0.984	0.984
0	0	0
0	0.324	2.496
0	1.488	0
0	0.672	1.632
1.032	1.032	1.032
0.18	0.78	0.84
0.304	0.296	0.896
0.368	0.968	1.028
1.252	1.252	1.912
1.116	2.316	2.976
0.572	0.572	0.572
0.112	0.112	1.372
2.22	0.96	1.56
2	0	0.14

041219011.D	041219013.D	041519002.D
Trip Blank	Field Blank	Inst blank
0.012	0.012	0.012
0.244	0.476	0.244
0.392	0.032	0.392
1.14	3.9	1.14
0.424	0.476	0.424
1.948	0.028	0.988
1.212	0.252	0
0.768	0.768	0.132
0	0	0
0	0	0
0.048	0.912	0.012
3.936	3.936	2.076
0.084	0.984	0.984
0	0	0
0	0	0
0	0	0
0.288	1.632	0
0.432	1.032	0.168
0.18	1.44	0.42
0.904	0.296	0.904
0.232	0.968	0.832
0.652	1.252	0.052
1.716	1.716	1.116
0.028	0.572	0.028
0.112	0.712	0.488
0.36	1.56	0
0	0	0

041519003.D	041519005.D	041519006.D
1 ppb	batch blank 1	Sample 1
0.612	0.732	0.012
0.116	0.476	0.244
0.148	0.032	0.032
5.32907E-14	1.14	6.72
0.536	2.336	3.244
1.108	0.988	1.888
0.192	1.212	2.112
0.528	0.768	0.132
0.376	0	0
0.528	0	0
0.228	0.912	0.948
0.144	2.976	2.076
0.024	0.084	0.876
0.6	0	0
0.336	0	0
0.708	0	0
0.432	0	0
0.972	1.032	0.432
0.12	0.18	0.18
0.236	0.304	0
0.308	0.368	0.232
0.592	1.252	0.652
0.396	1.716	0.516
0.512	0.572	0.028
0.652	0.712	0.488
0.24	0.36	1.56
0.4	0	0

041519007.D	041519009.D	041519011.D
Sample 1dup	Sample 2	Sample 3
0.012	0.732	0.708
0.244	0.476	0.244
0.032	0.328	0.032
6.72	6.72	7.68
3.244	3.244	4.204
0.988	0.028	1.888
1.212	0.252	2.112
0.192	0.768	1.092
0	0	2.024
0	0	0
0.048	0.912	0.948
2.076	2.076	0.216
0.084	0.984	0.876
0	0	0
1.284	0	0
0	0	0
0	0	0
0.432	2.892	22.812
0.18	0.18	1.02
0	0	0.904
0.232	0.968	0.832
0.652	1.252	0.052
0.516	1.716	0.744
0.028	0.572	1.288
0.112	0.712	0.488
1.56	1.56	2.82
2.6	1.4	0

041519013.D	041519015.D	041519017.D
Sample 4	Sample 5	Sample 6
0.012	0.012	0.012
0.476	0.244	0.476
0.032	0.032	0.328
6.72	6.72	6.72
3.244	3.244	3.244
0.028	0.988	0.028
1.212	1.212	1.212
0.768	0.768	0.768
0.796	1.696	1.064
0	0	0
0.048	0.912	0.012
2.076	1.116	1.116
0.084	0.084	0.084
0	0	0.72
0	0	0
0	0.528	0
0	0	0
2.892	2.892	2.292
0.18	0.18	0.42
0	0	0.896
0.368	0.368	0.368
1.252	1.252	1.312
0.516	1.716	1.116
0.028	0.028	0.028
0.112	0.712	0.712
2.16	2.22	1.56
2	2	2

041619002.D	041619003.D	041619005.D
Inst blank	1 ppb	batch blank 1
0.012	0.048	0.012
0.244	0.176	0.244
0.392	0.032	0.392
3	5.32907E-14	2.04
1.436	0.536	0.476
0.872	0.388	0.028
0	0.192	0.252
0.132	0.192	0.768
0	0.404	0
0	0.192	0
0.912	0.228	0.048
0	0.144	0
0.084	0.024	0.084
0	0.12	0
0	0.384	0.636
26.748	0.072	0
0	0.288	0.672
0.228	0.288	1.032
0.18	0.12	0.18
0.304	0.236	0.304
0.832	0.352	0.232
0.652	0.008	0.652
1.716	0.204	1.716
0	0.088	0.028
0	0.052	0.712
0	0.24	0
0	0.4	0

041619006.D	041619007.D	041619009.D
Sample 7	Sample 7dup	Sample 8
0.732	0.732	0.732
0.476	0.476	0.476
0.328	0.032	0.032
5.82	5.82	5.82
3.244	2.344	3.244
0.028	0.028	0.028
0.252	0.252	0.252
1.728	0.768	0.768
0.796	0.796	0
0	0	0
0.912	0.912	0.912
1.116	2.076	1.116
0.984	0.984	0.984
0	0	0
1.536	0	0
0	0	0
0.672	1.632	0.672
3.492	3.492	2.892
0.18	0.78	0.18
1.556	1.496	1.556
0.968	0.968	0.968
1.912	1.912	1.912
2.316	1.716	2.316
0.572	0.572	0.572
1.372	0.712	0.712
2.22	2.16	2.82
2	1.4	1.4

041619011.D	041619013.D	041619015.D
Sample 9	Sample 10	Sample 11
0.012	0.708	0.708
0.476	0.244	0.244
0.032	0.392	0.392
3	6.72	6.72
1.384	3.244	2.344
0.028	0.988	20.608
0.648	0.252	1.212
0.768	0.132	16.092
0.796	1.064	0
0	0	0
0.912	0.048	0
2.076	2.076	0
0.084	0.876	0
0.66	0.24	0
0.576	0.324	0
0.528	25.788	0
0.672	1.188	0
2.232	22.812	0.432
0.78	0.42	1.02
0.896	0.304	0.304
0.968	0.232	0.232
1.252	0.052	0.652
1.716	0.144	0.516
0.572	0.628	0.628
0.712	0.488	0.488
2.16	0.96	0.36
2	3.26	3.26

041619017.D	041719002.D	041719003.D
Sample 12	Inst blank	1 ppb
0.708	0.708	0.048
0.244	0.964	0.176
0.392	0.752	0.092
2.04	1.14	0.72
0.476	0.476	0.536
0.872	0.988	1.052
0.648	0	0.528
0.768	0.192	0.192
1.124	0	0.316
0	0	0.528
0.912	0.048	0.492
2.976	0	0.576
0.084	0.876	0.744
0	0	0.18
0.324	0	0.336
0	0	0.072
0.288	0	0.432
23.772	0.828	0.312
0.42	1.02	0.12
0.296	2.764	0.236
0.232	2.092	0.308
0.652	0.548	0.592
0.516	0.144	0.204
0.628	1.288	0.148
0.488	1.088	0.052
1.56	0	0.24
3.26	0	0.4

041719005.D	041719006.D	041719007.D
batch blank 1	Sample 13	Sample 13dup
0.012	0.012	0.732
0.476	0.476	0.476
0.032	0.032	0.032
0.18	2.04	1.14
3.296	0.476	1.436
1.832	0.028	2.732
0.252	0.648	1.608
0.768	0.768	1.728
0	1.696	1.696
0	0	0
0.912	1.872	1.872
3.936	3.936	4.896
0.984	0.984	1.944
0	0	0
0	0	0.636
26.748	0	0
0	0.672	0.672
0.432	0.432	1.632
0.84	0.84	0.84
0.304	0	1.556
0.368	0.368	0.968
1.312	1.252	1.912
1.716	1.116	1.716
0.572	0.572	1.172
0.712	0.712	0.712
0.36	1.56	2.82
0	2.6	2

041719009.D	041719011.D	041719013.D
Sample 14	Sample 15	Sample 16
0.012	0.012	0.012
0.244	0.244	0.476
0.032	0.392	0.032
5.82	4.86	5.82
2.344	1.384	2.344
0.872	0.028	0.028
0.252	0.648	0.252
0.768	0.768	0.768
0.796	1.696	1.696
0	0	0
0.912	0.912	0.912
2.076	1.116	3.936
0.084	0.984	0.984
0.66	0	0.72
0	0	0
0.528	26.748	0.528
0.672	0.672	0
1.632	0.432	1.032
0.18	0.18	0.18
0.896	0.296	0.896
0.968	0.968	0.968
1.252	1.312	1.312
0.516	0.516	1.116
0.028	0.572	0.572
0.112	0.112	0.712
1.56	4.02	1.56
2.6	23.86	2

26] n-Pentane
27] Isoprene
28] trans-2-pentene
29] cis-2-pentene
30] Tert-Butanol
31] 1,1-Dichloroethene
32] Methylene Chloride
33] 3-Chloro-1-Propene
34] 1,1,2-Trichloro-1,2,2-...
35] Carbon Disulfide
36] 2,2-Dimethylbutane
37] trans-1,2-Dichloroethene
38] Cyclopentane
39] 2,3-Dimethylbutane
40] 1,1-Dichloroethane
41] Methyl-t-Butyl-Ether
42] Vinyl Acetate
43] 2-Methylpentane
44] 2-Butanone
45] 3-Methylpentane
46] 2-Chloroprene
47] 1-Hexene
48] cis-1,2-Dichloroethene
49] Diisopropyl ether
50] Ethyl Acetate
51] n-Hexane
52] Chloroform
53] Tetrahydrofuran
54] Ethyl Tert-Butyl Ether
55] Methylcyclopentane
56] 1,2-Dichloroethane
57] 2,4-Dimethylpentane
58] 1,1,1-Trichloroethane
59] Benzene
60] Carbon Tetrachloride
61] Cyclohexane
63] 2-Methylhexane
64] 2,3-Dimethylpentane
65] Tert Amyl Methyl Ether
66] 3-methylhexane
67] 1,2-Dichloropropane
68] Ethyl acrylate
69] Bromodichloromethane
70] 1,4-Dioxane
71] Trichloroethene
72] Isooctane
73] Methyl Methacrylate

7.757666667
7.8558
7.877066667
8.027866667
8.014133333
8.0046
8.093533333
8.188333333
8.299266667
8.392466667
8.452933333
8.8814
9.123133333
9.122333333
9.062066667
9.1

9.198
9.4092
9.5664
9.58
9.706066667
9.830533333
9.9958
10.01133333
10.0112
10.1186
10.538
10.54253333
10.8954
10.88666667
10.92053333
11.16573333
11.6862
11.87006667
12.01573333
12.16773333
12.28146667
12.37853333
12.48846667
12.68753333
12.668
12.93793333
13.05053333
13.0008
13.02146667
13.24333333

7.741	7.75
7.837	7.846
7.869	7.868
8.009	8.018
7.998	8.008
7.988	0
8.084	8.083
8.17	8.18
8.289	8.287
8.385	8.395
8.439	8.438
8.868	8.867
9.112	9.147
9.1	0
9.051	0
9.088	9.099
9.1	9.147
9.186	0
9.405	9.404
9.564	9.55
9.576	0
9.698	9.697
9.82	0
9.991	10.002
10.016	10.014
10.003	10.002
10.113	10.112
10.534	10.541
10.542	0
10.893	10.909
10.885	10.874
10.919	10.926
11.167	11.174
11.682	11.689
11.865	11.872
12.024	0
12.17	12.165
12.28	0
12.378	0
12.488	12.483
12.683	0
12.671	0
12.939	12.946
13.037	0
13	13.007
13.025	13.032
13.232	0

7.75	7.75	7.74
7.846	7.846	7.835
7.868	7.868	7.857
8.018	8.018	8.007
8.018	8.008	8.007
0	8.363	0
8.094	8.094	8.083
8.201	8.19	8.18
8.298	8.287	8.287
8.384	8.384	8.384
8.459	8.449	8.438
8.879	8.879	8.867
9.16	9.16	9.147
0	0	0
0	0	0
9.111	9.099	9.086
9.148	9.148	9.135
0	0	0
9.404	9.392	9.404
0	9.563	9.55
0	9.55	9.562
9.709	9.709	0
0	0	0
10.014	10.014	0
10.014	10.014	0
0	10.014	10.002
10.124	10.124	10.099
10.541	10.541	10.532
0	0	0
10.917	10.9	0
10.883	10.892	10.883
10.917	10.917	0
11.174	0	0
11.677	11.689	11.689
11.872	11.86	11.872
0	0	0
12.165	12.153	0
0	0	0
0	0	0
12.483	12.483	12.458
0	0	0
0	0	0
12.946	12.946	12.934
0	0	0
12.995	12.995	12.995
13.02	13.02	13.019
0	0	0

7.75	7.75	0
7.868	7.857	7.857
7.889	7.868	7.878
8.018	8.018	8.029
8.018	8.018	8.018
0	0	0
8.104	8.094	8.104
8.19	8.19	8.201
8.309	8.309	8.298
8.395	8.384	8.395
8.459	8.448	8.448
8.879	8.879	8.879
9.16	9.148	0
0	0	0
0	0	0
9.111	9.099	9.099
9.148	9.148	9.147
0	9.184	0
9.416	9.416	9.416
9.575	9.55	9.575
0	9.575	9.575
0	9.697	0
0	0	0
0	10.014	0
0	10.014	0
10.014	10.002	10.002
10.124	10.124	0
10.549	10.541	10.549
0	0	0
0	10.874	0
10.883	10.874	10.892
10.917	10.917	0
0	0	0
11.677	11.689	11.689
11.885	11.86	11.872
0	0	0
0	12.165	0
0	12.275	0
0	0	0
0	12.483	0
0	0	0
0	0	0
12.946	12.946	12.946
0	0	0
12.995	13.007	13.019
13.02	13.007	13.032
0	0	0

7.751	7.75	7.76
7.848	7.846	7.857
7.869	7.868	7.879
8.02	8.019	8.029
8.009	8.008	8.018
7.998	0	0
8.084	8.083	8.094
8.181	8.18	8.18
8.289	8.287	8.298
8.385	8.384	8.395
8.45	8.438	8.459
8.87	8.879	8.879
9.114	9.148	0
9.114	0	0
9.053	0	0
9.089	9.099	0
9.114	9.136	9.148
9.187	0	9.196
9.407	9.404	9.416
9.565	9.55	9.575
9.578	9.575	9.575
9.7	9.709	9.709
9.822	0	0
9.992	0	10.002
10.005	0	10.014
10.005	10.014	0
10.114	10.112	10.112
10.535	10.532	0
10.535	0	0
10.894	0	10.926
10.877	10.883	10.892
10.912	10.917	10.926
11.16	0	11.165
11.684	11.677	11.689
11.867	11.873	11.872
12.013	0	0
12.16	0	12.177
12.282	0	12.287
12.379	0	0
12.489	0	12.495
12.684	0	0
12.66	0	0
12.941	0	12.946
13.038	0	0
12.989	12.983	13.007
13.014	13.032	13.02
13.234	0	0

7.76	7.75	7.771
7.857	7.836	7.868
7.879	7.857	7.889
8.018	8.018	8.051
8.018	8.008	8.029
0	8.362	0
8.094	8.083	8.104
8.19	8.18	0
8.298	8.287	8.319
8.395	8.384	8.405
8.449	8.448	8.459
8.879	8.867	8.891
0	9.184	0
9.196	9.184	0
0	0	0
9.099	9.087	9.111
9.148	9.184	0
9.196	9.184	9.209
9.404	9.404	9.428
9.563	9.55	9.575
9.55	9.562	9.587
9.709	9.697	0
0	0	0
10.002	9.99	10.014
10.014	10.002	10.026
0	10.002	10.026
10.112	10.112	10.124
0	10.541	10.549
0	10.558	0
10.926	10.917	10.934
10.883	10.883	10.892
10.926	10.917	10.934
11.166	11.14	11.183
11.689	11.677	11.689
11.872	11.86	11.885
0	0	0
12.165	12.165	12.177
12.275	12.275	12.287
0	0	0
12.495	12.483	12.495
0	0	0
0	0	0
12.934	12.934	12.946
0	0	0
13.007	12.983	13.007
13.02	13.007	13.032
0	0	0

7.75	7.75	7.75
7.846	7.846	7.846
7.879	7.879	7.868
8.029	8.018	8.018
8.008	8.018	8.008
0	0	0
8.094	8.094	8.083
8.191	0	8.18
8.298	8.298	8.298
8.384	8.384	8.384
8.449	8.438	8.448
8.879	0	8.867
0	0	0
0	0	0
0	8.977	0
9.099	9.087	0
9.184	0	0
9.197	9.196	9.184
9.404	9.404	9.404
9.55	9.55	9.55
9.184	9.575	9.55
10.002	9.697	9.697
10.002	0	0
9.99	9.99	10.002
10.002	10.002	10.002
10.002	10.002	10.002
10.112	10.112	10.112
10.185	10.541	10.541
0	10.566	0
0	10.917	10.917
0	10.892	10.883
10.917	10.917	10.917
11.166	11.166	11.157
11.677	11.689	11.689
11.86	11.872	11.872
0	0	0
12.165	12.165	12.165
12.275	12.275	12.275
12.08	12.08	0
12.483	12.483	12.483
12.495	0	0
0	0	0
12.934	12.922	12.934
0	0	0
12.995	12.995	12.995
13.02	13.02	13.019
0	0	0

7.76	7.751	7.75
7.857	7.858	7.846
7.889	7.88	7.868
8.029	8.031	8.018
8.018	8.009	8.018
0	8.009	0
0	8.095	8.094
0	8.192	8.18
8.298	8.299	8.298
8.384	8.396	8.384
8.448	8.45	8.449
8.879	8.88	8.879
0	9.125	9.16
0	9.125	0
0	9.064	0
9.099	9.1	0
9.135	9.112	9.135
0	9.198	0
9.416	9.405	9.404
9.562	9.564	9.563
0	9.576	0
0	9.71	0
0	9.832	9.819
0	9.991	0
0	9.588	0
10.002	10.015	10.002
0	10.113	10.124
10.549	10.542	10.549
0	10.542	0
0	10.893	0
0	10.884	0
10.926	10.919	0
0	11.158	0
11.689	11.682	11.689
11.86	11.865	11.873
0	12.012	0
0	12.17	0
0	12.28	0
0	12.378	0
0	12.488	12.47
0	12.683	0
0	12.671	0
12.946	12.939	0
0	13.037	0
0	13	13.032
13.032	13.012	13.02
0	13.232	0

7.74	7.74	7.75
7.846	7.836	7.846
7.868	7.868	7.868
8.008	8.008	8.008
7.997	8.008	8.008
0	0	0
8.083	8.083	8.083
8.18	8.169	8.158
8.287	8.287	8.287
8.373	8.384	8.384
8.438	8.449	8.448
8.867	8.867	8.867
0	0	0
9.184	9.184	9.184
0	0	0
0	0	0
9.135	9.136	9.135
9.184	9.184	9.184
9.392	9.392	9.392
9.538	9.55	9.55
9.55	9.55	9.55
9.684	9.685	9.685
0	0	0
9.99	9.99	9.99
10.002	10.002	10.002
9.99	10.002	10.002
10.099	10.112	10.112
10.523	10.532	10.541
0	0	10.506
10.917	10.909	10.917
10.874	10.875	10.874
10.909	10.909	10.917
11.166	11.166	11.157
11.677	11.677	11.677
11.86	11.86	11.872
12.007	12.007	0
12.153	12.153	12.165
12.275	12.275	12.275
0	0	0
12.483	12.483	12.483
0	0	0
0	0	0
12.934	12.922	12.922
0	0	0
12.995	12.995	12.995
13.007	13.02	13.02
0	0	0

7.75	7.771	7.771
7.846	7.868	7.868
7.868	7.889	7.889
8.018	8.04	8.04
8.018	8.029	8.029
0	0	0
8.083	8.104	8.104
8.18	8.201	8.201
8.298	8.309	8.319
8.384	8.405	8.405
8.449	8.47	8.47
8.879	8.879	8.891
0	0	0
9.184	0	9.209
0	0	0
0	9.123	0
9.135	9.16	9.16
9.184	9.209	9.209
9.404	9.416	9.416
9.55	9.562	9.575
9.55	9.562	9.575
9.685	9.709	9.697
0	0	0
10.002	10.014	10.014
10.002	10.026	10.026
10.002	9.562	0
10.112	10.136	10.136
10.532	10.558	10.558
10.524	0	10.532
10.926	10.934	10.943
10.875	10.892	10.9
10.917	10.934	10.926
11.157	11.174	11.174
11.677	11.689	11.702
11.86	11.872	11.872
11.995	0	0
12.19	12.177	12.178
12.275	12.287	12.287
0	0	0
12.483	12.495	12.495
0	0	0
0	0	0
12.934	12.958	12.959
0	0	0
12.995	13.007	13.007
13.02	13.032	13.02
0	13.178	0

7.76	7.771	7.752
7.857	7.868	7.848
7.879	7.911	7.88
8.04	8.04	8.031
8.029	8.04	8.009
0	0	7.998
8.104	8.104	8.095
8.19	8.212	8.192
8.309	8.319	8.299
8.405	8.416	8.396
8.47	0	8.45
8.891	8.903	8.881
0	0	9.125
0	0	9.125
0	0	9.064
9.111	9.123	9.1
9.16	9.16	9.112
9.209	0	9.198
9.416	9.44	9.405
9.563	9.575	9.564
9.563	0	9.576
9.697	0	9.71
0	0	9.832
10.014	0	9.991
10.026	0	10.016
0	10.026	10.016
10.124	0	10.113
0	10.566	10.534
0	0	10.542
10.934	0	10.893
10.892	10.909	10.885
10.926	10.934	10.919
11.183	0	11.158
11.689	11.702	11.682
11.872	11.872	11.865
0	0	12.012
12.165	0	12.158
12.275	0	12.28
0	0	12.378
12.483	0	12.488
0	0	12.683
0	0	12.659
12.934	12.971	12.939
13.068	0	13.037
13.007	13.007	13
13.032	13.032	13.012
0	0	13.232

7.75	7.75	7.74
7.846	7.846	7.846
7.878	7.868	7.857
8.029	8.018	8.008
8.018	8.018	8.008
0	8.008	8.008
8.094	8.094	8.083
8.562	8.18	8.169
8.298	8.298	8.287
8.384	8.384	8.384
8.438	8.448	8.438
8.879	8.879	8.867
0	9.148	9.135
0	0	0
0	0	0
9.099	9.099	0
9.147	9.148	9.135
0	9.196	0
9.404	9.404	9.404
9.538	9.538	9.55
0	0	0
0	9.709	9.697
0	0	0
10.014	10.002	10.002
10.002	10.014	10.002
10.014	0	0
10.112	10.124	10.112
10.541	10.549	10.541
0	0	0
0	10.926	10.909
10.892	10.892	10.883
10.917	10.917	10.909
11.148	11.166	11.166
11.677	11.677	11.665
11.86	11.86	11.86
0	0	0
0	12.165	12.153
0	12.275	12.275
0	0	0
12.483	12.483	12.483
0	0	0
0	0	0
12.934	12.922	12.934
0	0	0
12.983	12.995	12.995
13.019	13.007	13.007
0	0	0

7.75	7.75	7.75
7.857	7.846	7.846
7.879	7.878	7.868
8.018	8.029	8.018
8.018	8.018	8.018
8.008	8.373	0
8.094	8.083	8.083
8.18	8.19	8.18
8.298	8.298	8.298
8.395	8.395	8.384
8.449	8.448	8.459
8.879	8.879	8.879
9.16	9.147	9.148
9.196	0	0
0	0	0
9.111	9.099	9.099
9.148	9.147	9.148
9.196	9.196	9.196
9.416	9.416	9.404
9.575	9.562	9.562
9.575	9.575	9.55
9.709	9.709	9.697
0	0	0
10.014	10.014	10.002
10.014	10.014	10.014
10.014	0	0
10.112	10.124	10.112
10.541	10.549	10.541
0	0	0
10.9	10.892	10.9
10.892	10.892	10.883
10.926	10.917	10.917
11.157	11.157	11.148
11.689	11.689	11.677
11.873	11.872	11.86
0	0	0
12.165	12.177	12.165
12.287	12.275	12.275
0	0	12.385
12.495	12.495	12.483
0	0	0
0	0	0
12.946	12.946	12.934
0	0	0
13.007	12.995	12.995
13.02	13.032	13.02
0	0	0

1	0.46
1.128	0.588
0.484	0.544
1.132	0.592
0.968	0.368
0.996	0
0.572	0.632
1.1	0.5
0.616	0.736
0.448	0.152
0.836	0.896
0.804	0.864
0.668	1.432
1.34	0
0.664	0
0.72	0.06
0.72	0
0.252	0.312
0.144	0.984
0.24	0
0.484	0.544
0.632	0
0.288	0.372
0.28	0.16
0.492	0.552
0.336	0.396
0.24	0.18
0.032	0
0.144	0.816
0.1	0.76
0.092	0.328
0.076	0.496
0.252	0.168
0.304	0.116
0.496	0
0.136	0.164
0.088	0
0.032	0
0.028	0.328
0.272	0
0.18	0
0.064	0.484
0.812	0
0.048	0.372
0.212	0.632
0.68	0

0.46	0.46	1.06
0.588	0.588	1.248
0.544	0.544	1.204
0.592	0.592	1.252
0.232	0.368	0.428
0	21.504	0
0.028	0.028	0.632
0.76	0.1	0.5
0.076	0.736	0.736
0.508	0.508	0.508
0.364	0.236	0.896
0.144	0.144	0.864
2.212	2.212	1.432
0	0	0
0	0	0
0.66	0.06	0.84
0	0	0
0.312	1.032	0.312
0	0.204	0.984
0	1.8	1.08
0.176	0.176	0
0	0	0
1.092	1.092	0
0.16	0.16	0
0	0.168	0.552
0.324	0.324	1.176
0.18	0.18	0.36
0	0	0
1.296	0.276	0
0.22	0.32	0.22
0.212	0.212	0
0.496	0	0
0.552	0.168	0.168
0.116	0.604	0.116
0	0	0
0.164	0.884	0
0	0	0
0	0	0
0.328	0.328	1.828
0	0	0
0	0	0
0.484	0.484	0.236
0	0	0
0.348	0.348	0.348
0.088	0.088	0.148
0	0	0

0.46	0.46	0
0.732	0.072	0.072
0.716	0.544	0.056
0.592	0.592	0.068
0.232	0.232	0.232
0	0	0
0.628	0.028	0.628
0.1	0.1	0.76
0.584	0.584	0.076
0.152	0.508	0.152
0.364	0.296	0.296
0.144	0.144	0.144
2.212	1.492	0
0	0	0
0	0	0
0.66	0.06	0.06
0	0.84	0
0.408	0.408	0.408
0.516	0.984	0.516
0	0.3	0.3
0	0.544	0
0	0	0
0	1.092	0
0	0.16	0
0.168	0.552	0.552
0.324	0.324	0
0.66	0.18	0.66
0	0	0
0	1.284	0
0.22	0.76	0.32
0.212	0.212	0
0	0	0
0.552	0.168	0.168
0.896	0.604	0.116
0	0	0
0	0.164	0
0	0.388	0
0	0	0
0	0.328	0
0	0	0
0	0	0
0.484	0.484	0.484
0	0	0
0.348	0.372	1.092
0.088	0.868	0.632
0	0	0

0.4	0.46	0.14
0.468	0.588	0.072
0.484	0.544	0.116
0.472	0.532	0.068
0.308	0.368	0.232
0.396	0	0
0.572	0.632	0.028
0.44	0.5	0.5
0.616	0.736	0.076
0.448	0.508	0.152
0.176	0.896	0.364
0.684	0.144	0.144
0.548	1.492	0
0.5	0	0
0.544	0	0
0.66	0.06	0
0.66	0	0.12
0.132	0.312	0.408
0.084	0.984	0.516
0.12	0.3	0.3
0.364	0.176	0.176
0.512	0	0
0.228	0	0.372
0.38	0	0.16
0.372	0.168	0
0.276	0.396	0.396
0.18	0.36	0
0.452	0	0
0.084	0	1.836
0.58	0.22	0.32
0.512	0.212	0.328
0.344	0	0.044
0.132	0.552	0.168
0.184	0.176	0.116
0.164	0	0
0.464	0	0.556
0.032	0	0.332
0.028	0	0
0.032	0	0.392
0.212	0	0
0.48	0	0
0.184	0	0.484
0.752	0	0
0.708	1.068	0.372
0.448	0.632	0.088
0.56	0	0

0.14	0.46	0.8
0.072	1.188	0.732
0.116	1.204	0.716
0.592	0.592	1.388
0.232	0.368	0.892
0	21.444	0
0.028	0.632	0.628
0.1	0.5	0
0.076	0.736	1.184
0.152	0.508	0.752
0.236	0.296	0.364
0.144	0.864	0.576
0	3.652	0
4.42	3.7	0
0	0	0
0.06	0.78	0.66
0.12	0.84	0.66
0.312	0.312	1.128
0.204	0.984	0.516
1.8	1.08	0.42
0.176	0.544	0
0	0	0
0.372	0.348	1.092
0.16	0.56	0.88
0	0.552	0.888
0.396	0.396	0.324
0	0.18	0.66
0	0.928	0
1.836	1.296	2.316
0.22	0.22	0.32
0.328	0.212	0.808
0.016	1.544	1.036
0.168	0.552	0.168
0.116	0.604	0.896
0	0	0
0.164	0.164	0.556
0.388	0.388	0.332
0	0	0
0.392	0.328	0.392
0	0	0
0	0	0
0.236	0.236	0.484
0	0	0
0.372	1.068	0.372
0.088	0.868	0.632
0	0	0

0.46	0.46	0.46
0.588	0.588	0.588
0.116	0.116	0.544
0.068	0.592	0.592
0.368	0.232	0.368
0	0	0
0.028	0.028	0.632
0.16	0	0.5
0.076	0.076	0.076
0.508	0.508	0.508
0.236	0.896	0.296
0.144	0	0.864
0	0	0
0	0	0
0	5.104	0
0.06	0.78	0
0.06	0.12	0.84
0.312	0.312	0.312
0.984	0.984	0.984
23.76	0.3	1.8
17.756	0.544	0.544
10.288	0	0
0.348	0.348	0.372
0.56	0.56	0.56
0.552	0.552	0.552
0.396	0.396	0.396
21.18	0.18	0.18
0	1.408	0
0	1.296	1.296
0	0.32	0.22
0.212	0.212	0.212
0.016	0.016	0.524
0.552	0.168	0.168
0.604	0.116	0.116
0	0	0
0.164	0.164	0.164
0.388	0.388	0.388
17.912	17.912	0
0.328	0.328	0.328
11.552	0	0
0	0	0
0.236	0.956	0.236
0	0	0
0.348	0.348	0.348
0.088	0.088	0.148
0	0	0

0.14	0.4	0.46
0.072	0.132	0.588
0.716	0.176	0.544
0.068	0.188	0.592
0.232	0.308	0.232
0	0.264	0
0	0.088	0.028
0	0.22	0.5
0.076	0.016	0.076
0.508	0.212	0.508
0.296	0.176	0.236
0.144	0.084	0.144
0	0.112	2.212
0	0.16	0
0	0.116	0
0.06	1.06581E-13	0
0	2.13163E-13	0
0.408	0.252	0.312
0.264	0.144	0.204
0	0.24	0
0	0.236	0
0	0.088	0.692
0	0.288	0
0	25.4	0
0.552	0.228	0.552
0	0.336	0.324
0.66	0.24	0.66
0	0.032	0
0	0.144	0
0	0.16	0
0.328	0.092	0
0	0.464	0
0.168	0.252	0.168
0.604	0.304	0.176
0	0.224	0
0	0.136	0
0	0.088	0
0	0.032	0
0	0.028	1.108
0	0.272	0
0	0.18	0
0.484	0.064	0
0	0.812	0
0	0.048	1.872
0.632	0.568	0.088
0	0.68	0

1.06	1.06	0.46
0.588	1.188	0.588
0.544	0.544	0.544
1.192	1.192	1.192
1.028	0.368	0.368
0	0	0
0.632	0.632	0.632
0.5	1.16	1.82
0.736	0.736	0.736
1.168	0.508	0.508
0.896	0.236	0.296
0.864	0.864	0.864
0	0	0
3.7	3.7	3.7
0	0	0
0	0	0
0.84	0.84	0.84
1.032	1.032	1.032
1.704	0.984	0.984
1.8	1.8	1.8
1.324	1.264	1.264
0	0	0
0.348	0.348	0.348
0.56	0.56	0.56
1.272	0.552	0.552
1.176	0.396	0.396
0.9	0.36	0.18
0	0	2.192
1.296	0.816	1.296
0.76	0.7	0.76
0.692	0.692	0.212
0.016	0.016	0.524
0.552	0.552	0.552
0.604	0.604	0.116
0.524	0.524	0
0.884	0.884	0.164
0.388	0.388	0.388
0	0	0
0.328	0.328	0.328
0	0	0
0	0	0
0.236	0.956	0.956
0	0	0
0.348	0.348	0.348
0.868	0.088	0.088
0	0	0

0.46	0.8	0.8
0.588	0.732	0.732
0.544	0.716	0.716
0.592	0.728	0.728
0.232	0.892	0.892
0	0	0
0.632	0.628	0.628
0.5	0.76	0.76
0.076	0.584	1.184
0.508	0.752	0.752
0.236	1.024	1.024
0.144	0.144	0.576
0	0	0
3.7	0	5.2
0	0	0
0	1.38	0
0.84	0.66	0.66
0.312	0.408	0.408
0.984	0.264	0.516
1.8	1.08	0.3
1.264	0.176	0.544
0	0	0
0.372	1.092	1.092
0.56	0.88	0.88
0.552	26.952	0
0.396	1.044	1.044
0.36	1.2	1.2
1.112	0	0.632
1.836	2.316	2.856
0.7	0.32	0.8
0.212	0.808	0.328
0.524	0.496	0.496
0.552	0.168	0.948
0.604	0.116	0.116
1.244	0	0
1.336	0.556	0.616
0.388	0.332	0.332
0	0	0
0.328	0.392	0.392
0	0	0
0	0	0
0.236	1.204	1.264
0	0	0
0.348	0.372	0.372
0.088	0.632	0.088
0	3.92	0

0.14	0.8	0.34
0.072	0.732	0.468
0.116	2.036	0.176
0.728	0.728	0.188
0.892	1.552	0.308
0	0	0.396
0.628	0.628	0.088
0.1	1.42	0.22
0.584	1.184	0.016
0.752	1.412	0.212
1.024	0	0.176
0.576	1.296	0.024
0	0	0.112
0	0	0.16
0	0	0.116
0.66	1.38	1.06581E-13
0.66	0	2.13163E-13
0.408	1.848	0.252
0.204	0.516	0.144
1.02	0	0.24
0.544	0	0.236
0	0	0.088
1.092	0	0.288
0.88	0	0.28
0	0.888	0.288
0.324	0	0.336
0	1.68	0.24
0	0	0.032
2.316	0	0.144
0.32	1.34	0.1
0.328	0.808	0.092
1.036	0	0.464
0.168	0.948	0.252
0.116	0.116	0.304
0	0	0.224
0.164	0	0.584
0.388	0	0.088
0	0	0.032
0.328	0	0.028
0	0	0.272
0	0	0.54
0.236	1.984	0.064
1.048	0	0.812
0.372	0.372	0.048
0.632	0.632	0.568
0	0	0.68

0.46	0.46	1.06
0.588	0.588	0.588
0.056	0.544	1.204
0.068	0.592	1.192
0.232	0.232	0.368
0	0.204	0.204
0.028	0.028	0.632
22.42	0.5	1.16
0.076	0.076	0.736
0.508	0.508	0.508
0.896	0.296	0.896
0.144	0.144	0.864
0	1.492	0.712
0	0	0
0	0	0
0.06	0.06	0
0	0.12	0
0.312	0.312	0.312
1.704	1.704	0.984
0	0	0
0	0.176	0.544
0	0	0
1.092	0.372	0.372
0.56	0.16	0.56
0.168	0	0
0.396	0.324	0.396
0.18	0.66	0.18
0	0	0
0	1.836	0.816
0.32	0.32	0.22
0.212	0.212	0.692
1.064	0.016	0.016
0.552	0.552	1.272
0.604	0.604	0.604
0	0	0
0	0.164	0.884
0	0.388	0.388
0	0	0
0.328	0.328	0.328
0	0	0
0	0	0
0.236	0.956	0.236
0	0	0
1.068	0.348	0.348
0.148	0.868	0.868
0	0	0

0.46	0.46	0.46
0.072	0.588	0.588
0.116	0.056	0.544
0.592	0.068	0.592
0.232	0.232	0.232
0.204	22.104	0
0.028	0.632	0.632
0.5	0.1	0.5
0.076	0.076	0.076
0.152	0.152	0.508
0.236	0.296	0.364
0.144	0.144	0.144
2.212	1.432	1.492
4.42	0	0
0	0	0
0.66	0.06	0.06
0.12	0.12	0.12
0.408	0.408	0.312
0.516	0.264	0.264
0.3	0.3	1.8
0.176	0.176	0.544
0	0	0
1.092	1.092	0.372
0.16	0.16	0.16
0.168	0	0
0.396	0.324	0.396
0.18	0.66	0.18
0	0	0
0.276	0.204	0.276
0.32	0.32	0.22
0.328	0.212	0.212
0.524	0.524	1.064
0.168	0.168	0.552
0.176	0.116	0.604
0	0	0
0.164	0.556	0.164
0.332	0.388	0.388
0	0	0.388
0.392	0.392	0.328
0	0	0
0	0	0
0.484	0.484	0.236
0	0	0
0.372	0.348	0.348
0.088	0.632	0.088
0	0	0

WILL NOT REPORT

74]	Heptane
75]	cis-1,3-Dichloropropene
76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78]	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86]	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene
121]	Undecane

13.35293333
14.1682
14.25666667
14.30186667
14.93513333
15.17633333
15.34793333
15.5878
15.8666
16.11625
16.22333333
16.16326667
16.62266667
17.1272
17.34153333
18.43133333
18.4628
19.1416
19.45146667
19.48446667
19.55853333
20.15606667
20.09991667
20.3048
20.3176
20.81713333
21.18593333
21.47393333

22.5494
22.7838
23.04
23.94873333
23.91973333
22.8668
23.43433333
24.25966667
24.414
24.30453333
24.53313333
24.8486
25.08306667
25.25266667
25.4984
25.65993333
25.7022
26.68853333

13.354	13.349
14.163	0
14.218	14.221
14.305	0
14.919	0
15.173	0
15.354	0
15.587	15.581
15.871	0
16.162	0
16.212	16.236
16.162	16.158
16.604	0
17.121	17.136
17.337	17.342
18.432	0
18.465	0
19.134	19.163
19.45	19.472
19.47	19.509
19.551	19.57
20.121	0
20.008	0
20.294	0
20.306	20.335
20.817	20.823
21.18	21.186
21.471	21.477
22.538	22.239
22.783	0
23.043	0
23.952	0
23.93	0
22.859	0
23.438	23.483
24.253	0
24.399	0
24.298	0
24.544	24.577
24.856	24.901
25.068	0
25.258	0
25.493	0
25.649	0
25.683	0
26.676	26.698

13.349	13.361	13.361
0	0	0
14.229	14.276	0
0	14.316	14.292
0	0	0
0	0	0
0	0	0
15.571	15.6	15.629
0	0	0
16.168	0	0
16.226	16.227	16.236
16.168	0	0
0	0	0
17.136	17.127	17.127
17.342	0	0
0	0	0
0	0	0
19.17	19.157	19.177
19.472	19.489	19.543
19.516	19.55	19.576
19.566	19.573	19.586
0	0	0
0	0	0
0	0	0
20.347	20.347	20.358
20.823	0	20.83
21.194	21.194	21.194
21.484	21.47	21.498
22.245	22.597	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
24.343	24.343	0
0	0	0
24.901	24.901	0
0	0	0
0	0	0
0	0	0
0	0	0
0	25.749	0
26.71	26.687	26.732

13.349	13.361	13.361
0	0	0
0	14.245	0
0	0	0
0	0	0
0	0	0
0	0	0
15.61	15.6	0
0	0	0
0	0	0
16.246	16.226	16.236
0	0	0
0	0	0
0	17.136	0
0	0	0
0	0	0
0	0	0
19.173	19.177	19.177
19.529	19.536	19.486
19.566	19.57	19.57
19.58	19.57	19.583
0	0	0
0	0	0
0	0	0
20.353	20.364	20.358
0	20.831	0
21.194	21.194	21.194
21.499	21.506	21.499
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	24.331	0
0	0	0
0	0	0
0	0	0
0	25.292	0
0	0	0
0	0	0
0	0	0
0	26.721	0

13.343	13.361	13.361
14.156	0	0
14.22	14.277	14.221
14.299	14.292	0
14.921	0	0
15.167	0	0
15.347	0	0
15.58	15.62	15.581
15.864	0	15.874
16.164	0	0
16.214	16.246	16.236
16.164	0	0
16.605	0	0
17.122	0	17.136
17.339	17.352	17.361
18.434	18.438	0
18.462	18.474	0
19.135	19.167	19.153
19.455	19.516	19.469
19.465	19.573	19.496
19.549	19.587	19.58
20.125	0	0
20.03	0	0
20.292	20.347	0
20.31	20.347	20.341
20.815	0	21.186
21.186	21.194	21.194
21.476	21.484	21.499
22.54	0	0
22.781	0	0
23.041	23.085	23.085
23.954	0	24.019
23.932	23.941	0
22.865	0	0
23.44	23.494	0
24.255	0	0
24.412	0	0
24.3	24.343	24.331
24.546	24.577	0
24.858	24.923	0
25.07	25.169	0
25.26	25.292	0
25.495	25.56	0
25.651	25.761	0
25.685	25.783	0
26.678	26.71	0

13.361	13.349	13.361
0	0	0
14.213	14.189	14.205
0	0	0
0	0	0
0	0	0
0	0	0
15.581	15.581	15.59
15.874	0	15.884
0	0	0
16.227	16.236	16.236
0	16.158	16.168
0	0	0
17.146	17.127	17.127
17.342	17.332	17.342
0	0	0
0	0	0
19.157	19.153	19.153
19.459	19.465	19.465
19.482	19.543	19.546
19.573	19.58	19.573
0	0	0
0	0	0
0	0	0
20.335	20.352	20.364
20.823	20.816	20.816
21.194	21.186	21.194
21.484	21.477	21.491
0	0	0
22.775	22.781	22.781
0	0	23.079
0	24.008	23.996
0	0	0
0	0	0
0	23.472	23.483
0	24.331	0
0	0	0
24.331	24.331	24.331
0	0	0
24.934	24.901	24.901
0	0	0
0	24.901	24.912
0	0	25.18
0	0	0
0	0	0
0	26.687	26.687

13.349	13.361	13.349
0	0	0
14.189	14.189	14.197
14.292	0	14.3
0	0	0
0	0	0
0	0	15.346
15.581	15.59	15.581
15.874	15.864	15.864
16.148	16.168	16.148
16.217	16.217	16.226
16.148	16.168	16.148
0	0	0
17.127	0	17.117
17.332	17.352	17.342
0	0	0
18.474	0	18.462
19.147	19.153	19.153
19.466	19.469	19.462
19.536	19.543	19.529
19.57	19.566	19.566
0	0	0
0	0	0
0	0	0
20.359	20.358	20.358
20.816	20.823	20.823
21.186	21.186	21.186
21.484	21.491	21.477
0	0	0
22.776	22.775	22.775
0	0	0
24.008	0	23.985
0	0	0
22.776	0	0
23.472	0	23.461
0	0	24.298
0	0	0
24.332	24.331	24.331
0	0	24.901
24.901	0	24.901
0	0	0
24.912	0	25.191
0	0	0
0	0	0
0	0	0
26.687	26.687	26.676

0	13.354	13.361
0	14.163	0
0	14.226	0
0	14.305	14.3
0	14.926	0
0	15.173	0
0	15.354	0
0	15.587	15.63
0	15.871	0
0	16.162	0
16.246	16.22	16.236
0	16.162	0
0	16.612	0
0	17.129	17.137
0	17.337	0
0	18.432	0
0	18.465	0
0	19.137	19.194
0	19.446	19.556
0	19.137	19.576
19.593	19.551	19.59
0	20.127	0
0	20.05	0
0	20.294	0
0	20.312	20.37
0	20.817	20.831
21.201	21.187	21.194
21.484	21.478	21.506
0	22.542	0
0	22.782	0
0	23.043	0
0	23.952	0
0	23.93	0
0	22.863	0
0	23.438	0
0	24.253	0
0	24.41	0
0	24.309	0
0	24.544	0
0	24.856	0
0	25.08	0
0	25.258	0
0	25.493	0
0	25.66	0
0	25.682	0
0	26.676	26.754

13.349	13.349	13.349
0	14.174	0
14.181	14.182	14.189
14.284	0	14.292
0	0	0
0	15.191	0
0	0	0
15.581	15.581	15.581
15.864	15.865	15.855
16.158	16.139	16.148
16.226	16.227	16.226
16.158	16.139	16.148
0	0	0
17.117	17.127	17.127
17.342	17.342	17.342
0	0	18.432
18.462	18.468	18.474
19.143	19.15	19.16
19.455	19.452	19.455
19.523	19.526	19.533
19.56	19.563	19.563
20.198	20.192	20.204
0	20.084	0
0	0	20.227
20.358	20.359	20.353
20.823	20.823	20.831
21.186	21.186	21.186
21.484	21.477	21.477
0	22.567	0
22.775	22.776	22.775
0	0	23.061
23.985	23.985	23.985
0	0	0
0	0	0
23.472	23.472	23.472
24.298	24.287	24.276
0	0	0
24.331	24.332	24.331
24.912	24.566	0
24.912	24.912	24.901
25.124	0	0
0	0	0
0	0	0
0	0	0
0	0	0
26.687	26.687	26.676

13.349	13.361	13.361
0	0	0
14.197	14.205	14.221
14.292	0	0
0	0	0
0	0	0
15.336	15.346	15.356
15.581	15.581	15.59
15.865	15.874	0
16.158	15.874	0
16.217	16.226	16.236
16.158	0	0
0	0	0
17.127	17.136	0
17.342	17.352	17.352
0	0	0
18.474	18.462	0
19.147	19.16	19.163
19.449	19.459	19.476
19.492	19.489	19.516
19.57	19.57	19.576
20.174	20.209	0
0	0	0
0	0	0
20.329	20.335	20.347
20.852	20.838	20.838
21.186	21.194	21.194
21.484	21.491	21.491
0	0	0
22.787	22.781	22.781
23.067	23.073	23.073
23.985	23.996	24.008
23.93	0	0
22.889	0	0
23.461	0	23.483
24.298	24.32	24.343
0	0	0
24.332	24.331	24.343
24.544	0	0
24.901	24.901	24.901
25.113	0	0
24.912	0	0
0	0	0
0	25.716	0
0	0	0
26.687	26.687	26.698

13.361	13.386	13.342
0	0	14.163
14.213	0	14.226
0	0	14.297
0	0	14.926
0	0	15.166
15.356	0	15.346
15.581	0	15.587
15.874	0	15.871
0	0	16.162
16.236	16.246	16.221
16.168	0	16.162
0	0	16.604
17.136	0	17.129
17.352	0	17.337
0	0	18.432
0	0	18.465
19.16	0	19.137
19.466	0	19.453
19.509	0	19.47
19.573	19.59	19.547
0	0	20.127
0	0	20.038
0	0	20.294
20.347	0	20.312
20.831	21.201	20.817
21.194	21.201	21.188
21.499	0	21.471
0	0	22.542
22.793	0	22.783
0	0	23.043
24.008	0	23.952
0	0	23.93
0	0	22.867
23.483	0	23.438
24.343	0	24.253
0	0	24.41
24.331	0	24.309
0	0	24.544
24.912	0	24.856
0	0	25.08
24.923	0	25.258
0	0	25.493
0	0	25.66
0	0	25.683
26.71	0	26.676

13.361	13.349	13.349
0	0	0
14.268	14.213	14.213
14.284	0	0
0	0	0
0	0	0
15.375	0	15.346
15.62	15.581	15.581
0	15.864	15.864
0	0	0
16.226	16.236	16.227
0	16.168	0
0	0	0
0	17.136	17.137
0	17.332	17.342
18.444	0	0
18.467	0	0
19.17	19.17	19.17
19.536	19.472	19.469
19.553	19.506	19.513
19.573	19.58	19.566
0	0	0
0	0	0
20.335	0	0
20.358	20.353	20.347
20.83	20.823	20.823
21.194	21.194	21.194
21.484	21.484	21.484
22.603	0	0
0	0	0
23.091	0	0
24.041	0	24.019
23.963	0	0
0	0	0
23.494	23.494	0
0	0	0
0	0	0
0	24.331	24.331
24.588	0	0
24.923	24.901	24.901
0	0	0
25.303	24.923	0
25.537	0	0
0	0	0
25.772	0	0
26.721	26.698	26.71

13.361	13.373	13.361
0	0	0
14.213	14.229	14.221
14.3	0	0
0	0	0
0	0	0
15.356	15.365	15.346
15.581	15.59	15.581
15.865	15.874	15.874
16.158	16.168	16.158
16.227	16.236	16.226
16.158	16.168	16.158
0	0	0
17.137	17.136	17.136
17.352	17.352	17.342
0	0	0
0	0	0
19.167	19.163	19.16
19.459	19.469	19.455
19.492	19.502	19.492
19.57	19.583	19.57
0	0	0
0	0	0
0	0	0
20.341	20.341	20.329
20.831	20.823	20.823
21.194	21.194	21.194
21.491	21.499	21.491
0	22.239	22.245
22.793	0	22.811
23.097	0	23.079
23.997	0	23.996
0	0	0
0	0	22.912
23.472	0	0
0	0	0
0	0	0
24.332	24.343	24.331
0	0	24.119
24.901	24.901	24.901
0	0	0
24.912	24.923	24.923
0	0	0
0	0	25.727
0	0	0
0	26.698	26.71

0.064	0.236
0.312	0
2.32	2.14
0.188	0
0.968	0
0.2	0
0.364	0
0.048	0.408
0.264	0
2.745	0
0.68	0.76
0.076	0.316
1.12	0
0.372	0.528
0.272	0.028
0.04	0
0.132	0
0.456	1.284
0.088	1.232
0.868	1.472
0.452	0.688
2.104	0
5.515	0
0.648	0
0.696	1.044
0.008	0.352
0.356	0.004
0.176	0.184
0	0
0.684	18.624
0.048	0
0.18	0
0.196	0
0.616	0
0.468	0
0.22	2.92
0.4	0
0.9	0
0.392	0
0.652	2.632
0.444	3.144
0.904	0
0.32	0
0.324	0
0.656	0
1.152	0
0.752	0.568

0.236	0.484	0.484
0	0	0
1.66	1.16	0
0	0.848	0.592
0	0	0
0	0	0
0	0	0
1.008	0.732	2.472
0	0	0
3.105	0	0
0.16	0.22	0.76
0.284	0	0
0	0	0
0.528	0.012	0.012
0.028	0	0
0	0	0
0	0	0
1.704	0.924	2.124
1.232	2.252	5.492
1.892	3.932	5.492
0.448	0.868	1.648
0	0	0
0	0	0
0	0	0
1.764	1.764	2.424
0.352	0	0.772
0.484	0.484	0.484
0.604	0.236	1.444
0	0	0
18.264	2.856	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2.308	2.308	0
0	0	0
3.144	3.144	0
0	0	0
0	0	0
0	0	0
0	0	0
0	2.808	0
1.288	0.092	2.608

0.236	0.484	0.484
0	0	0
0	0.7	0
0	0	0
0	0	0
0	0	0
0	0	0
1.332	0.732	0
0	0	0
0	0	0
1.36	0.16	0.76
0	0	0
0	0	0
0	0.528	0
0	0	0
0	0	0
0	0	0
1.884	2.124	2.124
4.652	5.072	2.072
4.892	5.132	5.132
1.288	0.688	1.468
0	0	0
0	0	0
0	0	0
2.124	2.784	2.424
0	0.832	0
0.484	0.484	0.484
1.504	1.924	1.504
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	1.588	0
0	0	0
0	0	0
0	0	0
0	2.36	0
0	0	0
0	0	0
0	0	0
0	1.948	0

0.596	0.484	0.484
0.732	0	0
2.2	1.22	2.14
0.172	0.592	0
0.848	0	0
0.56	0	0
0.056	0	0
0.468	1.932	0.408
0.156	0	0.444
2.865	0	0
0.56	1.36	0.76
0.044	0	0
1.06	0	0
0.312	0	0.528
0.152	0.628	1.168
0.16	0.4	0
0.048	0.672	0
0.396	1.524	0.684
0.212	3.872	1.052
1.168	5.312	0.692
0.572	1.708	1.288
1.864	0	0
4.195	0	0
0.768	2.532	0
0.456	1.764	1.404
0.128	0	22.132
0.004	0.484	0.484
0.124	0.604	1.504
0	0	0
0.564	0	0
0.168	0	0
0.06	2.7	2.7
0.316	0	4.216
0.736	1.276	0
0.108	0	0
0.34	3.58	0
0.28	0	0
0.12	0	0
0.272	2.308	1.588
0.772	2.632	0
0.564	4.464	0
0.784	5.156	0
0.44	2.36	0
0.204	3.696	0
0.536	6.064	0
1.032	4.848	0
0.632	1.288	0

0.484	0.236	0.484
0	0	0
2.62	4.06	3.1
0	0	0
0	0	0
0	0	0
0	0	0
0.408	0.408	0.132
0.444	0	1.044
0	0	0
0.22	0.76	0.76
0	0.316	0.284
0	0	0
1.128	0.012	0.012
0.028	0.572	0.028
0	0	0
0	0	0
0.924	0.684	0.684
0.452	0.812	0.812
0.148	3.512	3.692
0.868	1.288	0.868
0	0	0
0	0	0
0	0	0
1.044	2.064	2.784
0.352	0.068	0.068
0.484	0.004	0.484
0.604	0.184	1.024
0	0	0
0	0	0
0.528	0.168	0.168
0	0	2.34
0	3.556	2.836
0	0	0
0	0	0
0	2.26	2.92
0	4.28	0
0	0	0
1.588	1.588	1.588
0	0	0
5.124	3.144	3.144
0	0	0
0	21.1	20.44
0	0	19.104
0	0	0
0	0	0
0	0.092	0.092

0.236	0.484	0.236
0	0	0
4.06	4.06	3.58
0.592	0	0.112
0	0	0
0	0	0
0	0	0.116
0.408	0.132	0.408
0.444	0.156	0.156
1.905	3.105	1.905
0.38	0.38	0.16
0.916	0.284	0.916
0	0	0
0.012	0	0.612
0.572	0.628	0.028
0	0	0
0.672	0	0.048
0.324	0.684	0.684
0.872	1.052	0.632
3.092	3.512	2.672
0.688	0.448	0.448
0	0	0
0	0	0
0	0	0
2.484	2.424	2.424
0.068	0.352	0.352
0.004	0.004	0.004
0.604	1.024	0.184
0	0	0
0	0	0
0.468	0.528	0.528
0	0	0
3.556	0	2.176
0	0	0
5.448	0	0
2.26	0	1.6
0	0	2.3
0	0	0
1.648	1.588	1.588
0	0	22.072
3.144	0	3.144
0	0	0
20.44	0	3.7
0	0	0
0	0	0
0	0	0
0.092	0.092	0.752

0	0.064	0.484
0	0.312	0
0	1.84	0
0	0.188	0.112
0	0.548	0
0	0.2	0
0	0.364	0
0	0.048	2.532
0	0.264	0
0	2.745	0
1.36	0.2	0.76
0	0.076	0
0	0.64	0
0	0.108	0.588
0	0.272	0
0	0.04	0
0	0.132	0
0	0.276	3.144
0	0.328	6.272
0	20.848	5.492
2.068	0.452	1.888
0	1.744	0
0	2.995	0
0	0.648	0
0	0.336	3.144
0	0.008	0.832
0.904	0.064	0.484
0.604	0.244	1.924
0	0	0
0	0.444	0
0	0.108	0
0	0.18	0
0	0.196	0
0	0.616	0
0	0.228	0
0	0.22	0
0	0.4	0
0	0.24	0
0	0.268	0
0	0.652	0
0	0.444	0
0	0.184	0
0	0.32	0
0	0.324	0
0	0.004	0
0	1.212	0
0	0.752	3.928

0.236	0.236	0.236
0	0.348	0
4.54	4.48	4.06
1.072	0	0.592
0	0	0
0	0.88	0
0	0	0
0.408	0.408	0.408
0.156	0.096	0.696
2.505	1.365	1.905
0.16	0.22	0.16
0.316	1.456	0.916
0	0	0
0.612	0.012	0.012
0.028	0.028	0.028
0	0	0.04
0.048	0.312	0.672
0.084	0.504	1.104
0.212	0.032	0.212
2.312	2.492	2.912
0.088	0.268	0.268
2.516	2.156	2.876
0	0.955	0
0	0	4.668
2.424	2.484	2.124
0.352	0.352	0.832
0.004	0.004	0.004
0.604	0.184	0.184
0	0	0
0	1.056	0
0.528	0.468	0.528
0	0	1.26
2.176	2.176	2.176
0	0	0
0	0	0
2.26	2.26	2.26
2.3	1.64	0.98
0	0	0
1.588	1.648	1.588
22.732	1.972	0
3.804	3.804	3.144
2.456	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.092	0.092	0.752

0.236	0.484	0.484
0	0	0
3.58	3.1	2.14
0.592	0	0
0	0	0
0	0	0
0.716	0.116	0.484
0.408	0.408	0.132
0.096	0.444	0
2.505	14.535	0
0.38	0.16	0.76
0.316	0	0
0	0	0
0.012	0.528	0
0.028	0.628	0.628
0	0	0
0.672	0.048	0
0.324	1.104	1.284
0.148	0.452	1.472
0.452	0.272	1.892
0.688	0.688	1.048
1.076	3.176	0
0	0	0
0	0	0
0.684	1.044	1.764
2.092	1.252	1.252
0.004	0.484	0.484
0.604	1.024	1.024
0	0	0
0	0	0
0.192	0.168	0.168
1.62	1.98	1.98
2.176	2.836	3.556
0.616	0	0
1.332	0	0
1.6	0	2.92
2.3	3.62	5
0	0	0
1.648	1.588	2.308
0.652	0	0
3.144	3.144	3.144
1.796	0	0
20.44	0	0
0	0	0
0	3.364	0
0	0	0
0.092	0.092	0.568

0.484	1.984	0.656
0	0	0.312
2.62	0	1.84
0	0	0.292
0	0	0.548
0	0	0.62
0.484	0	0.116
0.408	0	0.048
0.444	0	0.264
0	0	2.745
0.76	1.36	0.14
0.284	0	0.076
0	0	1.12
0.528	0	0.108
0.628	0	0.272
0	0	0.04
0	0	0.132
1.104	0	0.276
0.872	0	0.092
1.472	0	0.868
0.868	1.888	0.692
0	0	1.744
0	0	3.715
0	0	0.648
1.764	0	0.336
0.832	23.032	0.008
0.484	0.904	0.124
1.504	0	0.176
0	0	0
0	0	0.444
0.552	0	0.048
0	0	0.18
3.556	0	0.196
0	0	0.616
0	0	0.012
2.92	0	0.22
5	0	0.4
0	0	0.24
1.588	0	0.268
0	0	0.652
3.804	0	0.444
0	0	0.184
19.78	0	0.32
0	0	0.324
0	0	0.004
0	0	1.152
1.288	0	0.752

0.484	0.236	0.236
0	0	0
0.68	2.62	2.62
1.072	0	0
0	0	0
0	0	0
1.624	0	0.116
1.932	0.408	0.408
0	0.156	0.156
0	0	0
0.16	0.76	0.22
0	0.284	0
0	0	0
0	0.528	0.588
0	0.572	0.028
0.76	0	0
0.252	0	0
1.704	1.704	1.704
5.072	1.232	1.052
4.112	1.292	1.712
0.868	1.288	0.448
0	0	0
0	0	0
1.812	0	0
2.424	2.124	1.764
0.772	0.352	0.352
0.484	0.484	0.484
0.604	0.604	0.604
0	0	0
3.216	0	0
0	0	0
3.06	0	0
5.536	0	4.216
2.596	0	0
0	0	0
3.58	3.58	0
0	0	0
0	0	0
0	1.588	1.588
3.292	0	0
4.464	3.144	3.144
0	0	0
3.02	19.78	0
2.316	0	0
0	0	0
4.188	0	0
1.948	0.568	1.288

0.484	1.204	0.484
0	0	0
2.62	1.66	2.14
0.112	0	0
0	0	0
0	0	0
0.484	1.024	0.116
0.408	0.132	0.408
0.096	0.444	0.444
2.505	3.105	2.505
0.22	0.76	0.16
0.316	0.284	0.316
0	0	0
0.588	0.528	0.528
0.628	0.628	0.028
0	0	0
0	0	0
1.524	1.284	1.104
0.452	1.052	0.212
0.452	1.052	0.452
0.688	1.468	0.688
0	0	0
0	0	0
0	0	0
1.404	1.404	0.684
0.832	0.352	0.352
0.484	0.484	0.484
1.024	1.504	1.024
0	0	0
0	18.624	18.264
0.552	0	1.632
3.42	0	2.34
2.896	0	2.836
0	0	0
0	0	2.712
2.26	0	0
0	0	0
0	0	0
1.648	2.308	1.588
0	0	24.848
3.144	3.144	3.144
0	0	0
20.44	19.78	19.78
0	0	0
0	0	4.024
0	0	0
0	0.568	1.288

122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed May 22 13:56:38 2019

27.9732
28.1416
28.27253333
28.61206667

27.941	27.989
28.08	28.155
28.255	28.275
28.614	28.616

28.024	28.006	28.015
28.209	28.172	28.255
28.273	28.264	28.291
28.614	28.614	28.623

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0	28.026	0
28.227	28.22	0
28.292	28.293	0
28.623	28.616	28.616

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27.943	28.024	28.017
28.082	28.209	28.146
28.257	28.329	28.275
28.616	28.614	28.616

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28.015	27.989	27.989
28.163	28.146	28.118
28.273	28.266	28.266
28.614	28.616	28.616

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27.997	0	27.989
28.135	0	28.118
28.264	28.273	28.257
28.614	28.623	28.616

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0	27.941	0
0	28.089	0
0	28.264	0
28.616	28.614	28.623

--- --- ---

	27.978	27.997	27.978
	28.144	28.144	28.126
	28.264	28.264	28.255
	28.623	28.614	28.614

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	27.969	27.989	27.997
	28.107	28.118	28.162
	28.264	28.257	28.264
	28.614	28.616	28.614

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28.006	0	27.941
28.181	0	28.089
28.273	0	28.264
28.614	28.623	28.614

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	28.024	28.006	28.07
	28.236	28.163	28.181
	28.291	28.273	28.273
	28.623	28.623	28.614

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27.988	28.017	28.017
28.144	28.174	28.164
28.273	28.275	28.275
28.623	28.616	28.625

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1.932	0.948
3.696	0.804
1.052	0.148
0.116	0.236

3.048	1.968	2.508
4.044	1.824	6.804
0.028	0.512	1.108
0.116	0.116	0.656

0	3.168	0
5.124	4.704	0
1.168	1.228	0
0.656	0.236	0.236

1.812	3.048	2.628
3.576	4.044	0.264
0.932	3.388	0.148
0.236	0.116	0.236

2.508	0.948	0.948
1.284	0.264	1.416
0.028	0.392	0.392
0.116	0.236	0.236

1.428	0	0.948
0.396	0	1.416
0.512	0.028	0.932
0.116	0.656	0.236

0	1.932	0
0	3.156	0
0	0.512	0
0.236	0.116	0.656

0.288	1.428	0.288
0.144	0.144	0.936
0.512	0.512	1.052
0.656	0.116	0.116

0.252	0.948	1.428
2.076	1.416	1.224
0.512	0.932	0.512
0.116	0.236	0.116

1.968	0	1.932
2.364	0	3.156
0.028	0	0.512
0.116	0.656	0.116

3.048	1.968	5.808
5.664	1.284	2.364
1.108	0.028	0.028
0.656	0.656	0.116

0.888	2.628	2.628
0.144	1.944	1.344
0.028	0.148	0.148
0.656	0.236	0.776

	Compound
	Internal Standards
1)	Bromochloromethane
62)	1,4-Difluorobenzene
89)	Chlorobenzene-d5
	Target Compounds
2]	Propylene
3]	Propane
4]	Dichlorodifluoromethane
5]	Chloromethane
6]	Isobutane
7]	Dichlorotetrafluoroethane
8]	Vinyl Chloride
9]	1-Butene
10]	1,3-Butadiene
11]	Butane
12)	trans-2-butene
13]	Bromomethane
14]	cis-2-butene
15]	Chloroethane
16]	Ethanol
17]	Vinyl Bromide
18]	Acetonitrile
19]	Acrolein
20]	Acetone
21]	iso-Pentane
22]	Trichlorofluoromethane
23]	Isopropyl Alcohol
24]	1-Pentene
25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene

	041819 cal low quad			041819 cal high quad		
CF	x2	x1	xo	x2	x1	xo
2.114583333	-1.315034504	4.826605013	-0.322171569	-0.014573807	3.924696674	-0.260356414
1.0625	13.50104728	16.67400337	-0.889073774	0.568393021	20.69476303	-1.132030753
1.044791667	1.762778465	3.653244915	-0.009532322	0.263793109	3.637468781	-0.006980781
1.173958333	0.59841641	6.000501112	-0.015100198	-0.149631008	6.97525962	-0.110030681
1.097916667	1.573891965	3.811969697	-0.216221074	0.658162945	4.375395973	-0.305762896
1.05625	0.930598108	1.628260655	0.009132701	0.169076667	1.865720849	0.011966216
1.083333333	0.084638319	5.417355758	-0.004955824	0.117328181	5.996886522	-0.079868739
1.070833333	-0.519298672	3.737893801	-0.92727553	0.035574768	3.887619907	-1.111906079
1.759375	-0.102387431	3.872818571	-0.027191217	0.028737373	4.154610907	-0.104302245
1.104166667	-0.129043092	2.539799451	-0.015546816	0.014023913	3.044263707	-0.156194634
1.080208333	-0.269146673	3.759312467	-0.008977423	0.043102629	4.318875669	-0.122362849
1.0125	1.176532978	6.419265028	-0.004583149	0.422888238	7.772753506	-0.118428507
1.130208333	-0.094342291	3.572597977	-0.011387716	0.052571317	4.215094948	-0.132017325
1.086458333	5.373724364	10.45378051	-0.003425676	1.014769706	13.27363061	-0.13009015
1.145833333	3.413755833	5.377692438	-0.057771631	0.647286624	5.771289383	-0.090272919
1.042708333	-0.002219334	7.37587953	-0.004169954	0.095049621	7.843513557	-0.075744145
1.104166667	0.744348007	5.806061932	-0.037513884	0.282868378	6.99555361	-0.157454603
1.145833333	-2.80814684	14.72823766	-0.021549517	0.59250385	16.4720719	-0.10715874
0.969791667	0.018561853	1.754930228	-0.116060016	0.018061951	2.130523172	-0.259712006
1.1125	0.470101511	3.825413119	-0.014274655	0.126135712	4.955287554	-0.152944626
1.017708333	0.077779958	1.721710708	-0.007151546	0.047166184	2.079026722	-0.113792597
0.271875	23.37499167	11.00034079	-0.093419427	2.459261942	11.75329972	-0.092777452
1.098958333	0.096019808	3.350164267	-0.003241261	0.082611509	4.020802694	-0.109480765
0.776041667	0.852205967	9.584400673	0.002603806	0.189448948	11.1227653	-0.093819867
1.107291667	0.053620003	2.78626404	-0.006438962	0.055946683	3.338621879	-0.111528718
1.065625	-0.141952355	4.96480931	-0.003180466	0.119453816	5.536333247	-0.07896806

QA: IS area response within 40% of MEAN ICAL
Highlighted cells are out of range
MEAN ICAL

91627.8	IS1	%D
375482.4	IS2	%D
228544.5333	IS3	%D

Nominal MDL TO15	actual MDL TO15	MAX estimate
2018		RF
0.003356242	0.007097054	0.247548203
0.019352848	0.020562401	0.049287282
0.003866751	0.004039949	0.220226667
0.008254613	0.009690571	0.138945528
0.004046468	0.004442685	0.170480222
0.002400523	0.002535553	0.371824343
0.005657225	0.006128661	0.152115133
0.007467189	0.007996115	0.25593777
0.005606108	0.009863246	0.223047127
0.005055853	0.005582504	0.302290118
0.007866808	0.008497792	0.212015993
0.005659629	0.005730374	0.112503459
0.012628333	0.014272648	0.214880383
0.010240069	0.011125409	0.066401602
0.007836927	0.008979812	0.139494877
0.007203949	0.007511618	0.117552152
0.021606105	0.023856741	0.126577664
0.007464306	0.00855285	0.055701429
0.003894138	0.003776502	0.425814784
0.005762706	0.006411011	0.180630833
0.002753041	0.002801793	0.406980394
0.011911668	0.003238485	0.069396518
0.022112381	0.024300586	0.219663589
0.01257612	0.009759593	0.081213554
0.004144117	0.004588746	0.264048966
0.007195492	0.007667696	0.162299749

Ax	Ax	Ax
041219003.D	041219004.D	041219006.D
1 ppb	Ambient	Ambient dup
4%	47%	44%
11%	50%	47%
5%	42%	39%
Response	Response	Response
---	---	---
95341	134996	131787
416170	563872	551839
239834	323558	317411
199799	459265	369732
68135	594747	437000
150507	23180	19802
100731	24348	19605
166618	83149	73000
235951	1261	1030
86219	0	0
277492	198963	176864
127383	6147	6418
199154	35026	42449
131556	0	0
68913	0	0
138280	0	0
41547	0	0
87661	13879140	11961624
63052	684	683
88726	12984	15194
31280	8103	7345
816875	909756	865652
127362	45882	42402
231543	29869	30551
117389	108891	137257
142586	10612	5532
45383	1151	1063
170730	53621	45889
90991	5735	5372

Ax	Ax	Ax
041219007.D	041219009.D	041219011.D
System blank	Batch Blank 2	Trip Blank
34%	38%	44%
37%	40%	46%
14%	13%	16%
Response	Response	Response
---	---	---
122387	126245	131642
513576	525389	548026
261676	258096	264052
55199	48860	46060
41091	30629	33478
2121	5296	3270
6927	8246	5176
50417	59669	44934
0	0	0
0	0	0
172946	166396	158632
7102	5688	7142
20103	15506	12088
0	0	0
512	565	0
1293	0	0
1022	1427	589
1421069	217390	38102
611	665	673
20304	25796	18707
5907	2988	4216
332931	512250	271224
13559	14427	8911
2862	6446	4298
29411	9192	9085
3020	745	675
0	440	0
10531	6682	3417
941	940	890

Ax	Ax	Ax
041219013.D	041519002.D	041519003.D
Field Blank	Inst blank	1 ppb
38%	42%	2%
42%	43%	9%
14%	11%	1%
Response	Response	Response
---	---	---
126551	129694	93233
534236	537376	407894
261184	252914	231464
88408	44873	129809
78041	30993	47106
4481	1804	114426
6440	0	75464
60987	37987	136149
0	0	219606
0	0	81222
170732	158447	252461
7024	6231	117409
23353	8010	188422
0	0	124497
0	0	66262
0	0	128003
596	0	40462
8879870	6545	74619
845	764	59769
15006	9983	82924
5452	905	29116
424774	63628	385286
18789	2957	115717
6040	2137	248568
68775	5278	73053
3864	0	132958
0	0	46126
16749	0	159588
2158	689	90952

Ax	Ax	Ax
041519005.D	041519006.D	041519007.D
batch blank 1	Sample 1	Sample 1dup
41%	53%	51%
44%	51%	49%
20%	34%	34%
Response	Response	Response
---	---	---
129182	139813	138141
542503	568317	557948
274033	307348	306307
43311	512344	527994
26979	611442	641340
2359	28157	26704
5340	26292	28261
42994	103071	107949
0	0	0
0	0	0
167655	172614	178977
5296	6331	8062
10216	76103	66453
0	0	0
0	0	625
0	0	0
0	0	0
27940	40245838	38594726
724	734	685
17851	0	0
3567	10826	11029
302578	1236835	1233717
10960	58472	58846
3789	38272	38340
10718	225493	232493
1657	6547	8347
0	0	2117
3478	77381	76441
861	3490	3317

Ax	Ax	Ax
041519009.D	041519011.D	041519013.D
Sample 2	Sample 3	Sample 4
58%	50%	59%
51%	48%	53%
41%	38%	43%
Response	Response	Response
---	---	---
144530	137653	146028
566721	556621	574051
322409	314252	325795
4838935	1492055	1400107
6813550	2015253	1909193
31148	34582	31727
28091	29968	31323
396183	177896	213040
0	1598	2361
0	0	0
201475	202290	238293
9977	8204	11392
121729	66453	259406
0	0	0
0	0	0
0	0	0
0	0	0
67861570	54193257	72692591
582	756	814
0	27670	0
13922	8375	22520
1209942	1209959	1950596
48665	63504	101397
38080	40234	44970
681385	725721	282245
12475	73188	15043
1486	0	2881
47965	90706	133624
4068	7120	8294

Ax	Ax	Ax
041519015.D	041519017.D	041619002.D
Sample 5	Sample 6	Inst blank
62%	48%	21%
54%	47%	27%
41%	41%	-4%
Response	Response	Response
---	---	---
148354	135497	111253
578966	550130	476992
322021	321347	219049
1193970	1260021	35689
1574490	1657339	27734
30919	29731	1881
28352	29065	0
225396	247969	32773
1608	2017	0
0	0	0
245272	273018	143144
11115	13877	0
274897	206738	7582
0	4763	0
0	0	0
6107	0	124434
0	0	0
75281331	62448277	11190
794	691	683
0	34543	8835
23498	22291	830
3284695	2590944	45761
128783	134284	3371
49722	50474	0
542578	470863	0
17340	14026	0
3213	4189	0
118279	149488	1630
7463	8116	566

Ax	Ax	Ax
041619003.D	041619005.D	041619006.D
1 ppb	batch blank 1	Sample 7
-14%	21%	50%
-4%	24%	46%
-12%	1%	38%
Response	Response	Response
---	---	---
78554	110994	137624
358591	463757	547675
200432	231970	316449
101784	40895	935365
38732	29066	1108809
93568	3990	26700
59981	9017	24991
114888	55897	249035
191223	0	1779
70223	0	0
211314	162729	292344
100480	0	15683
163470	13921	174793
105164	0	0
59128	638	706
107847	0	0
35191	1449	953
68476	219308	76961020
51459	735	746
72698	21588	74009
24842	3057	38041
299673	540050	3503903
100415	16383	158051
222706	5624	45416
59209	8320	1029015
116582	0	24712
39626	0	4380
141097	6466	153553
80950	993	7740

Ax	Ax	Ax
041619007.D	041619009.D	041619011.D
Sample 7dup	Sample 8	Sample 9
50%	40%	31%
43%	36%	31%
35%	34%	28%
Response	Response	Response
---	---	---
136984	128421	119857
537343	510062	492091
308318	307072	291641
1072650	1251904	1123322
1248294	1478778	1393443
30674	28732	28315
28640	30352	30377
254373	274052	254692
1985	0	1195
0	0	0
305242	415725	408195
15707	22472	19382
189714	119295	109800
0	0	9540
0	0	490
0	0	6586
1244	1163	1422
79508670	66564043	56386509
829	766	666
78533	49996	39004
39389	46853	48945
3537632	4817402	2967013
161108	194638	132627
44018	39387	34533
947292	721417	1474913
34875	31640	22001
4644	5377	2895
159353	157797	128723
7484	9442	12255

Ax	Ax	Ax
041619013.D	041619015.D	041619017.D
Sample 10	Sample 11	Sample 12
27%	22%	22%
28%	24%	22%
17%	5%	10%
Response	Response	Response
---	---	---
116042	111359	111485
479799	465446	458232
268095	241073	251044
1106460	763345	493245
1399630	1023340	590022
27488	3351	25183
31074	28908	24132
221723	213263	187038
2093	0	1443
0	0	0
284166	0	162589
12914	0	7311
66340	0	59053
6270	0	0
652	0	11558
221844	0	0
1131	0	527
55972259	46717513	49521442
710	721	522
36953	19304	31853
30964	21392	25492
2314687	1695582	955890
114592	76062	50369
34011	30870	29996
676139	1019593	135878
21799	14520	11679
4161	2346	1155
152354	76797	47102
10317	6706	3329

Ax	Ax	Ax
041719002.D	041719003.D	041719005.D
Inst blank	1 ppb	batch blank 1
14%	-19%	9%
20%	-10%	17%
-13%	-19%	-2%
Response	Response	Response
---	---	---
104590	74588	100268
451638	338934	438288
198527	185270	224873
35831	94985	37538
26693	35364	28386
1653	88746	2019
0	54752	3034
29391	107024	36832
0	176832	0
0	64530	0
133524	198912	144299
0	92763	5119
5777	142964	10745
0	97198	0
0	54155	0
0	100744	105788
0	32771	0
11997	61982	495335
479	46901	596
7509	65632	15745
783	22750	2663
39576	269218	259546
2259	93184	9438
1449	207030	3059
2940	54474	11262
0	107827	274
0	36636	0
835	132071	3061
581	76011	635

Ax	Ax	Ax
041719006.D	041719007.D	041719009.D
Sample 13	Sample 13dup	Sample 14
15%	19%	19%
16%	21%	19%
0%	2%	8%
Response	Response	Response
---	---	---
104962	108832	109293
434422	454679	447228
228908	232245	247112
541292	555228	879018
644125	662251	1072854
21547	22138	24165
20517	19990	23633
174676	190266	228185
1551	1645	1278
0	0	0
163376	154002	190350
6894	5919	11187
110593	111199	159876
0	0	9857
0	496	0
0	0	6791
852	1079	567
37759032	38875953	50136212
534	709	657
0	24045	30567
12683	12134	18909
1257755	1234330	1648053
80423	81401	127178
31256	31433	30089
400249	412014	879033
10142	11781	16213
2315	2259	4256
103693	107021	156414
2877	2950	12217

Ax	Ax
041719011.D	041719013.D
Sample 15	Sample 16
17%	18%
19%	21%
7%	17%
Response	Response
---	---
107545	108462
445816	453689
244124	267495
555924	819733
665016	1026566
22828	22290
23118	20949
139837	153835
1283	941
0	0
168669	164856
8113	7336
64076	55028
0	5137
0	0
104714	4389
625	0
24172998	26349209
560	693
17576	10545
12156	11654
866436	990035
55840	68047
28910	26147
282596	780363
27575	8648
5838	2787
87800	100600
2916	8485

Ax/Ais	Ax/Ais	Ax/Ais
041219003.D	041219004.D	041219006.D
1 ppb	Ambient	Ambient dup
0.480089867	0.814484493	0.669999764
0.163719153	1.054755335	0.791897637
0.361647884	0.04110862	0.035883654
0.242042915	0.043180012	0.035526666
0.40036043	0.147460771	0.13228496
0.566958214	0.002236323	0.001866486
0.20717255	0	0
0.666775597	0.352851356	0.320499276
0.306084052	0.01090141	0.011630204
0.47854002	0.062116934	0.076922798
0.316111205	0	0
0.165588582	0	0
0.332268064	0	0
0.0998318	0	0
0.21063748	24.61399041	21.67593084
0.151505394	0.001213041	0.00123768
0.21319653	0.023026502	0.027533393
0.075161593	0.014370283	0.013310042
1.962839705	1.613408717	1.568667673
0.306033592	0.081369531	0.076837628
0.556366389	0.052971242	0.055362162
0.282069827	0.193112976	0.248726531
0.342614797	0.018819874	0.010024663
0.109049187	0.002041243	0.001926286
0.410241007	0.095094277	0.0831565
0.218639018	0.010170748	0.009734723

Ax/Ais	Ax/Ais	Ax/Ais
041219007.D	041219009.D	041219011.D
System blank	Batch Blank 2	Trip Blank
0.107479711	0.09299776	0.084047107
0.08000958	0.058297757	0.061088343
0.004129866	0.01008015	0.00596687
0.01348778	0.015695037	0.009444807
0.098168528	0.113571087	0.08199246
0	0	0
0	0	0
0.336748602	0.316710095	0.289460719
0.013828528	0.010826264	0.013032228
0.039143184	0.02951337	0.022057348
0	0	0
0.000996931	0.001075394	0
0.002517641	0	0
0.001989968	0.002716083	0.001074767
2.767008194	0.413769607	0.069525898
0.001189697	0.001265729	0.001228044
0.039534558	0.049098858	0.034135242
0.011501706	0.005687215	0.007693066
0.648260433	0.974991863	0.494910825
0.026401156	0.027459654	0.016260177
0.00557269	0.012269004	0.007842694
0.057267084	0.017495608	0.016577681
0.005880337	0.001417997	0.001231693
0	0.000837475	0
0.020505242	0.012718195	0.006235106
0.001832251	0.001789151	0.001624011

Ax/Ais	Ax/Ais	Ax/Ais
041219013.D	041519002.D	041519003.D
Field Blank	Inst blank	1 ppb
0.165484917	0.083503915	0.318241994
0.146079635	0.057674701	0.115485886
0.008387679	0.003357054	0.280528765
0.012054598	0	0.18500885
0.114157414	0.070689796	0.333785248
0	0	0.538389876
0	0	0.199125263
0.319581608	0.294853138	0.618937763
0.013147747	0.011595233	0.287841939
0.043712891	0.014905764	0.461938641
0	0	0.305219003
0	0	0.162449068
0	0	0.313814373
0.001115612	0	0.09919734
16.62162415	0.012179554	0.182937234
0.001581698	0.001421723	0.146530716
0.02808871	0.018577309	0.203297916
0.010205228	0.001684109	0.07138129
0.795105534	0.11840499	0.944573835
0.03516985	0.005502665	0.283693803
0.011305865	0.003976731	0.609393617
0.128735241	0.009821801	0.179098001
0.007232759	0	0.325962137
0	0	0.113083301
0.031351313	0	0.391248707
0.004039413	0.001282156	0.2229795

Ax/Ais	Ax/Ais	Ax/Ais
041519005.D	041519006.D	041519007.D
batch blank 1	Sample 1	Sample 1dup
0.079835503	0.901510953	0.946313993
0.049730601	1.075881946	1.149461957
0.004348363	0.049544532	0.047861091
0.009843264	0.046262913	0.050651674
0.079251175	0.18136181	0.193475019
0	0	0
0	0	0
0.309039766	0.303728377	0.320777205
0.009762158	0.01113991	0.014449375
0.018831232	0.13390942	0.119102497
0	0	0
0	0	0.001120176
0	0	0
0	0	0
0.051502019	70.81582638	69.17262182
0.001334555	0.001291533	0.001227713
0.032904887	0	0
0.006575079	0.019049228	0.019767075
0.557744381	2.176311812	2.211168424
0.020202653	0.102886241	0.10546861
0.006984293	0.067342698	0.068716081
0.019756573	0.39677328	0.416692953
0.003054361	0.011519979	0.014960176
0	0	0.00379426
0.006411024	0.136158165	0.137003807
0.001587088	0.006140939	0.005944998

Ax/Ais	Ax/Ais	Ax/Ais
041519009.D	041519011.D	041519013.D
Sample 2	Sample 3	Sample 4
8.538478369	2.680558225	2.438994096
12.02275899	3.620511982	3.325824709
0.054961789	0.06212845	0.055268609
0.0495676	0.053839147	0.054564838
0.699079441	0.319599871	0.371116852
0	0.002870894	0.004112875
0	0	0
0.355510031	0.363425023	0.415107717
0.017604783	0.014738934	0.019844927
0.214795287	0.119386441	0.451886679
0	0	0
0	0	0
0	0	0
0	0	0
119.7442304	97.3611434	126.6308934
0.00102696	0.001358195	0.001417992
0	0.049710665	0
0.02456588	0.015046145	0.039229964
2.134987057	2.173757368	3.397948963
0.085871178	0.114088401	0.176634132
0.067193557	0.072282576	0.078337987
1.202328836	1.303797377	0.491672343
0.022012595	0.131486236	0.026204989
0.002622102	0	0.005018718
0.084636003	0.162958279	0.232773743
0.007178135	0.012791469	0.014448194

Ax/Ais	Ax/Ais	Ax/Ais
041519015.D	041519017.D	041619002.D
Sample 5	Sample 6	Inst blank
2.062245451	2.290405904	0.074820961
2.719486118	3.01263156	0.058143533
0.053403827	0.05404359	0.003943462
0.04897006	0.052832967	0
0.389307835	0.450746187	0.068707651
0.002777365	0.003666406	0
0	0	0
0.423638003	0.496279061	0.300097276
0.019198019	0.025224947	0
0.474806811	0.375798448	0.015895445
0	0.008657954	0
0	0	0
0.010548115	0	0.2608723
0	0	0
130.0272054	113.5154909	0.023459513
0.00137141	0.001256067	0.00143189
0	0.062790613	0.018522323
0.040586148	0.040519514	0.001740071
5.673381511	4.709694072	0.095936619
0.222436205	0.244095032	0.007067204
0.085880691	0.091749223	0
0.937150023	0.855912239	0
0.029949945	0.025495792	0
0.005549549	0.007614564	0
0.204293516	0.271732136	0.003417248
0.012890222	0.014752877	0.001186603

Ax/Ais	Ax/Ais	Ax/Ais
041619003.D	041619005.D	041619006.D
1 ppb	batch blank 1	Sample 7
0.283844268	0.088181957	1.707883325
0.108011634	0.062675065	2.024574793
0.260932371	0.008603644	0.048751541
0.167268559	0.019443372	0.045631077
0.320387294	0.120530795	0.454713105
0.533262129	0	0.003248277
0.195830347	0	0
0.589289748	0.350892817	0.533791026
0.280207813	0	0.028635596
0.455867548	0.030017876	0.319154608
0.293270049	0	0
0.164889805	0.00137572	0.001289086
0.30075211	0	0
0.098136875	0.003124481	0.001740083
0.190958501	0.47289421	140.523157
0.143503323	0.001584882	0.001362122
0.202732361	0.046550241	0.135133062
0.069276697	0.006591814	0.069459077
0.835695821	1.164510724	6.397777879
0.280026548	0.03532669	0.288585384
0.621058532	0.012127041	0.082925092
0.165115689	0.01794043	1.878878897
0.325111339	0	0.045121651
0.110504725	0	0.007997444
0.393476133	0.013942647	0.280372484
0.225744651	0.002141208	0.014132469

Ax/Ais	Ax/Ais	Ax/Ais
041619007.D	041619009.D	041619011.D
Sample 7dup	Sample 8	Sample 9
1.996210986	2.454415346	2.28275258
2.323085999	2.899212253	2.831677474
0.057084581	0.056330407	0.05754017
0.053299289	0.059506491	0.061730452
0.473390367	0.537291545	0.517570937
0.003694102	0	0.002428413
0	0	0
0.568058019	0.815047975	0.829511208
0.029230864	0.044057389	0.039387024
0.353059405	0.233883332	0.223129462
0	0	0.019386658
0	0	0.000995751
0	0	0.013383703
0.002315095	0.002280115	0.002889709
147.9663269	130.5018664	114.5855319
0.001542776	0.001501778	0.001353408
0.146150597	0.098019456	0.079261763
0.073303272	0.09185746	0.099463311
6.583563943	9.444738091	6.029399034
0.29982339	0.381596747	0.269517223
0.081917881	0.077220024	0.070176045
1.762918657	1.414371194	2.997236284
0.064902679	0.062031675	0.04470921
0.008642524	0.010541856	0.005883058
0.29655732	0.309368273	0.261583731
0.013927789	0.018511475	0.02490393

Ax/Ais	Ax/Ais	Ax/Ais
041619013.D	041619015.D	041619017.D
Sample 10	Sample 11	Sample 12
2.306090675	1.640029133	1.076408893
2.917117376	2.198622397	1.287605405
0.057290657	0.007199546	0.054956878
0.06476462	0.062108172	0.05266328
0.462116428	0.458190639	0.408173152
0.004362243	0	0.00314906
0	0	0
0.592260509	0	0.354818083
0.026915438	0	0.0159548
0.138266232	0	0.128871401
0.013067972	0	0
0.001358902	0	0.025223031
0.462368617	0	0
0.002357237	0	0.001150072
116.6577233	100.3714996	108.070676
0.001479786	0.001549052	0.001139161
0.077017668	0.041474199	0.069512823
0.064535358	0.045960219	0.055631209
4.824284753	3.642918835	2.086039386
0.238833345	0.163417453	0.109920302
0.070885933	0.066323483	0.065460291
1.409213025	2.190572053	0.29652665
0.045433609	0.031195885	0.02548709
0.008672382	0.005040327	0.002520557
0.317537135	0.164996584	0.102790726
0.021502754	0.014407686	0.007264879

Ax/Ais	Ax/Ais	Ax/Ais
041719002.D	041719003.D	041719005.D
Inst blank	1 ppb	batch blank 1
0.079335663	0.280246302	0.085646881
0.059102644	0.104338898	0.064765634
0.003660011	0.261838588	0.00460656
0	0.161541775	0.006922389
0.065076455	0.315766491	0.084036068
0	0.521729894	0
0	0.19039105	0
0.295643856	0.586875321	0.32923329
0	0.273690453	0.011679535
0.012791218	0.421804835	0.024515843
0	0.286775596	0
0	0.15978037	0
0	0.29723781	0.241366407
0	0.096688441	0
0.02656331	0.182873362	1.130158708
0.001060584	0.138377973	0.001359836
0.016626147	0.19364242	0.035923867
0.001733689	0.067122213	0.006075914
0.087627702	0.794308036	0.592181397
0.005001793	0.274932583	0.021533786
0.003208322	0.610826887	0.006979429
0.006509638	0.160721556	0.025695433
0	0.318135684	0.00062516
0	0.108091841	0
0.001848826	0.389665835	0.006983992
0.001286429	0.224264901	0.001448819

Ax/Ais	Ax/Ais	Ax/Ais
041719006.D	041719007.D	041719009.D
Sample 13	Sample 13dup	Sample 14
1.246005037	1.221142828	1.965480694
1.482717266	1.456524273	2.398897207
0.049599238	0.048689295	0.054032842
0.047228271	0.043965083	0.052843292
0.402088292	0.418462256	0.510220738
0.003570261	0.003617937	0.002857603
0	0	0
0.376076718	0.338704889	0.42562183
0.015869362	0.013017975	0.025014087
0.254575045	0.244565947	0.35748209
0	0	0.022040212
0	0.001090879	0
0	0	0.015184649
0.001961227	0.002373103	0.00126781
86.91786328	85.50197612	112.1043673
0.00122922	0.001559342	0.001469049
0	0.052883463	0.068347688
0.029195114	0.026686959	0.042280448
2.89523781	2.714728413	3.685039845
0.185126444	0.179029601	0.284369494
0.071948474	0.069132289	0.067278882
0.921336857	0.906164569	1.965514234
0.023345963	0.025910587	0.036252202
0.00532892	0.00496834	0.009516399
0.238691871	0.235377046	0.349741072
0.006622593	0.006488094	0.027317163

Ax/Ais	Ax/Ais
041719011.D	041719013.D
Sample 15	Sample 16
1.246980817	1.806817005
1.491682667	2.262708596
0.051204981	0.049130572
0.051855474	0.046174803
0.313665279	0.339075887
0.002877869	0.002074108
0	0
0.3783377	0.363367858
0.018198091	0.016169667
0.143727457	0.121290135
0	0.011322734
0	0
0.234881655	0.009674028
0.001401924	0
54.22191667	58.07768978
0.001256124	0.001527478
0.039424336	0.023242794
0.027266854	0.0256872
1.94348341	2.18218868
0.125253468	0.149986004
0.064847381	0.05763199
0.633884831	1.720039498
0.061852872	0.019061516
0.013095089	0.006142975
0.196942236	0.221737798
0.006540815	0.018702239

Nom conc	Nom conc	Nom conc
041219003.D	041219004.D	041219006.D
1 ppb	Ambient	Ambient dup
1.691935179	2.926580121	2.362647255
2.271333511	21.3282232	15.61254351
1.542208343	0.143626488	0.123829274
1.472336673	0.245117271	0.198832891
1.562217492	0.380118693	0.315587209
1.231421415	0.012778672	0.01217507
1.121004297	-0.004955824	-0.004955824
1.334186	0.326990564	0.217374478
1.148624368	0.015015799	0.017836603
1.170297924	0.141719825	0.179058102
1.15248854	-0.008977423	-0.008977423
1.09063388	-0.004583149	-0.004583149
1.165256912	-0.011387716	-0.011387716
1.093750668	-0.003425676	-0.003425676
1.226433975	534.1218342	429.1328133
1.113264641	0.004777289	0.00495902
1.234151046	0.096574084	0.122910982
1.069584316	0.189519525	0.173986455
3.991751462	3.224709492	3.126816192
1.200458353	0.300109957	0.282436506
0.974826708	0.084267855	0.088404474
3.418140981	2.26864956	2.982721975
1.155845864	0.059842418	0.030352656
1.057909103	0.022171452	0.02106927
1.145624927	0.259003684	0.225627788
1.075534813	0.047300674	0.045137127

Nom conc	Nom conc	Nom conc
041219007.D	041219009.D	041219011.D
System blank	Batch Blank 2	Trip Blank
0.181399411	0.115318699	0.074201327
0.531433629	0.128868258	0.179896469
0.005585155	0.02747205	0.012328877
0.065942104	0.079225302	0.041626761
0.173162071	0.237009145	0.106912603
0.009132701	0.009132701	0.009132701
-0.004955824	-0.004955824	-0.004955824
0.272566709	0.204464769	0.111187155
0.026344583	0.014724939	0.02326285
0.083671304	0.059298824	0.040411641
-0.008977423	-0.008977423	-0.008977423
0.001817587	0.002321449	-0.004583149
-0.002393795	-0.011387716	-0.011387716
0.017398297	0.0250073	0.007815905
20.8347749	2.408530113	0.332618852
0.004605107	0.005165906	0.004887947
0.193189609	0.249351526	0.161544769
0.147478851	0.062122304	0.091589587
1.029392276	1.612627744	0.757020431
0.087048343	0.091124336	0.048051532
0.00244543	0.013983839	0.006356088
0.613196743	0.106193222	0.095364613
0.016462155	0.001509455	0.00088526
0.002603806	0.010631097	0.002603806
0.050716601	0.029005962	0.010935774
0.005915833	0.005701871	0.004882062

Nom conc	Nom conc	Nom conc
041219013.D	041519002.D	041519003.D
Field Blank	Inst blank	1 ppb
0.440546201	0.071699238	1.080672815
1.834760912	0.117503875	1.21660161
0.02123394	0.002751683	1.154032259
0.057320386	-0.015100198	1.115528376
0.239454354	0.0611111	1.23150956
0.009132701	0.009132701	1.155518325
-0.004955824	-0.004955824	1.077132549
0.21424936	0.129707205	1.187313109
0.023709924	0.017701251	1.079085287
0.095228583	0.022282165	1.130148533
-0.008977423	-0.008977423	1.113362842
-0.004583149	-0.004583149	1.069268822
-0.011387716	-0.011387716	1.100454101
0.008243374	-0.003425676	1.086439601
274.669236	0.008232666	1.040253407
0.007496454	0.006316502	1.076575305
0.126158178	0.070604009	1.17361034
0.128463042	0.003246483	1.015462772
1.29102939	0.091992713	1.558162412
0.120846028	0.006789545	1.108806131
0.012323825	-0.000303535	1.07093238
1.71010027	0.016878662	2.09109855
0.020994691	-0.003241261	1.098987674
0.002603806	0.002603806	1.09733734
0.080966778	-0.006438962	1.091891152
0.016872134	0.003184962	1.096812378

Nom conc	Nom conc	Nom conc
041519005.D	041519006.D	041519007.D
batch blank 1	Sample 1	Sample 1dup
0.054781226	3.265956169	3.440587976
-0.026475692	21.79101858	23.40680861
0.006386644	0.175793012	0.169353933
0.044022297	0.263781229	0.290370519
0.095767222	0.526893273	0.580214678
0.009132701	0.009132701	0.009132701
-0.004955824	-0.004955824	-0.004955824
0.178286375	0.160123103	0.218320793
0.010606092	0.015938926	0.028747215
0.032234977	0.32224229	0.285119112
-0.008977423	-0.008977423	-0.008977423
-0.004583149	-0.004583149	0.002609034
-0.011387716	-0.011387716	-0.011387716
-0.003425676	-0.003425676	-0.003425676
0.228245232	3654.673917	3496.295389
0.005673558	0.005356232	0.004885506
0.154339858	-0.037513884	-0.037513884
0.075168406	0.257993037	0.268487415
0.868516657	4.462518152	4.539543236
0.06320071	0.384284018	0.394415583
0.004877181	0.109145833	0.111524936
0.133033384	4.957777062	5.231748794
0.006992246	0.035365304	0.046899274
0.002603806	0.002603806	0.038981787
0.011426049	0.373927702	0.376296268
0.004698766	0.027302772	0.026330301

Nom conc	Nom conc	Nom conc
041519009.D	041519011.D	041519013.D
Sample 2	Sample 3	Sample 4
32.18806892	10.15530302	9.225260512
329.8354724	81.24416331	73.98218121
0.196581552	0.224242349	0.197762057
0.28380052	0.309696267	0.314097853
3.074638648	1.162847694	1.415233668
0.009132701	0.013814935	0.015845275
-0.004955824	-0.004955824	-0.004955824
0.335950409	0.362580813	0.534870384
0.040957179	0.029867757	0.049624261
0.524036474	0.285831534	1.105803921
-0.008977423	-0.008977423	-0.008977423
-0.004583149	-0.004583149	-0.004583149
-0.011387716	-0.011387716	-0.011387716
-0.003425676	-0.003425676	-0.003425676
9972.224563	6697.563405	11110.22229
0.00340478	0.005847927	0.006288983
-0.037513884	0.252948711	-0.037513884
0.338567933	0.199417949	0.551917005
4.371256827	4.456875146	7.18824131
0.317684539	0.42827953	0.676090857
0.108887496	0.117704523	0.128201129
17.59364957	19.41161279	6.280501102
0.070551076	0.438919278	0.084615693
0.027740937	0.002603806	0.050726674
0.229763382	0.449029731	0.645035474
0.032450293	0.060303509	0.068522428

Nom conc	Nom conc	Nom conc
041519015.D	041519017.D	041619002.D
Sample 5	Sample 6	Inst blank
7.771351143	8.652338423	0.031597863
59.35070016	66.3723715	0.126054279
0.190592325	0.193050711	0.004901524
0.280179747	0.303594451	-0.015100198
1.506348591	1.821780708	0.053120347
0.013662154	0.015115076	0.009132701
-0.004955824	-0.004955824	-0.004955824
0.563040239	0.799863317	0.147689023
0.047121489	0.070435277	-0.027191217
1.161275592	0.920681832	0.024791821
-0.008977423	0.023550355	-0.008977423
-0.004583149	-0.004583149	-0.004583149
0.026285962	-0.011387716	0.91418373
-0.003425676	-0.003425676	-0.003425676
11694.0573	8995.824878	0.07026517
0.0059454	0.00509464	0.006391489
-0.037513884	0.329987017	0.07028324
0.571587244	0.570621007	0.004070162
12.40892343	10.17503642	0.052472898
0.859895342	0.947499452	0.012783801
0.141283825	0.151468819	-0.007151546
13.08167486	11.76863591	-0.093419427
0.097182105	0.082236246	-0.003241261
0.05581915	0.075634249	0.002603806
0.565014593	0.75463773	0.00308302
0.060793439	0.070033857	0.00271059

Nom conc	Nom conc	Nom conc
041619003.D	041619005.D	041619006.D
1 ppb	batch blank 1	Sample 7
0.941883466	0.093222124	6.400057757
1.069422728	0.209004791	43.09585275
1.063737547	0.022029381	0.172758613
1.005337935	0.101796007	0.259955149
1.166642471	0.266103652	1.842555716
1.14205523	0.009132701	0.014431562
1.059172674	-0.004955824	-0.004955824
1.095094058	0.320385506	0.92001338
1.049963712	-0.027191217	0.083625293
1.115448214	0.060576291	0.781897597
1.070367743	-0.008977423	-0.008977423
1.085876549	0.004250192	0.003693789
1.054545232	-0.011387716	-0.011387716
1.074229185	0.029289425	0.014781042
1.093627574	2.78368843	13592.72162
1.054247564	0.007519937	0.005876888
1.170155767	0.234372643	0.760669544
0.98529711	0.075414271	0.987912195
1.363491207	2.24579862	14.11020586
1.093805524	0.121451205	1.128834428
1.092132374	0.013739149	0.136156333
2.360186278	0.11145487	30.67190123
1.096084171	-0.003241261	0.148119173
1.072131909	0.002603806	0.079309018
1.098191073	0.032419357	0.778967808
1.110364693	0.00744957	0.066956196

Nom conc	Nom conc	Nom conc
041619007.D	041619009.D	041619011.D
Sample 7dup	Sample 8	Sample 9
7.516091649	9.284684462	8.62281153
50.01114635	63.6440685	62.02646463
0.20475591	0.201849948	0.206512345
0.306422237	0.344087576	0.357593805
1.941035394	2.235100296	2.135123374
0.015160362	0.009132701	0.013092278
-0.004955824	-0.004955824	-0.004955824
1.028492573	2.080323084	2.137396808
0.085927131	0.143236318	0.125188743
0.865067925	0.571411102	0.544732632
-0.008977423	-0.008977423	0.063801926
-0.004583149	-0.004583149	0.001810006
-0.011387716	-0.011387716	0.036409977
0.020804619	0.020438083	0.026827585
15025.5815	11776.84211	9159.98847
0.007209372	0.006906976	0.005812618
0.826944802	0.538744708	0.42736113
1.042989281	1.30765443	1.415588904
14.54958833	21.47370294	13.24268023
1.174933011	1.513944885	1.050888022
0.134409293	0.126262794	0.114054343
28.27043031	21.45037152	57.22723498
0.214597843	0.204944516	0.146733873
0.085500877	0.103735881	0.059018888
0.824563713	0.860674634	0.726071388
0.065940815	0.088676834	0.12037476

Nom conc	Nom conc	Nom conc
041619013.D	041619015.D	041619017.D
Sample 10	Sample 11	Sample 12
8.712845695	6.137061367	3.947335959
64.07380443	47.11551675	26.4570125
0.205550305	0.016860754	0.196562658
0.376030009	0.359888301	0.302565532
1.881459882	1.860808528	1.601941393
0.016253279	0.009132701	0.01426942
-0.004955824	-0.004955824	-0.004955824
1.104375656	-0.92727553	0.333619225
0.076973216	-0.027191217	0.034572766
0.333154697	-0.015546816	0.309617572
0.040103205	-0.008977423	-0.008977423
0.004142178	-0.004583149	0.158078684
1.620300527	-0.011387716	-0.011387716
0.021246223	-0.003425676	0.008604037
9482.114674	7100.231612	8183.452772
0.006744767	0.007255661	0.004232357
0.41407073	0.204568244	0.369678587
0.917247161	0.649431743	0.789109405
10.43890729	7.74130856	4.263240911
0.926176788	0.6234188	0.4118959
0.115284355	0.107380444	0.105885429
21.35392802	37.45470138	3.608627262
0.149166997	0.101363524	0.082207049
0.08578748	0.050933969	0.026767251
0.883709836	0.454744831	0.280529688
0.103510974	0.068321483	0.03288078

Nom conc	Nom conc	Nom conc
041719002.D	041719003.D	041719005.D
Inst blank	1 ppb	batch blank 1
0.052473317	0.927186469	0.081565806
0.143564726	0.997653937	0.24745994
0.003862207	1.067883283	0.007333977
-0.015100198	0.969847526	0.026466281
0.038513746	1.144401593	0.11523679
0.009132701	1.111955704	0.009132701
-0.004955824	1.029528258	-0.004955824
0.132420357	1.087543873	0.247074391
-0.027191217	1.025092772	0.018027536
0.016919199	1.032793614	0.046640952
-0.008977423	1.046966964	-0.008977423
-0.004583149	1.051126006	-0.004583149
-0.011387716	1.042188313	0.845421254
-0.003425676	1.057571156	-0.003425676
0.087486456	1.039830161	7.258952511
0.003652783	1.01644681	0.005860032
0.059224317	1.114697105	0.172022914
0.003976232	0.954390582	0.067834315
0.037863016	1.289606309	0.929686266
0.004871032	1.072990051	0.06831896
-0.001626943	1.073536086	0.004868801
-0.020820663	2.278381664	0.204672557
-0.003241261	1.072283735	-0.001146836
0.002603806	1.048556362	0.002603806
-0.001287461	1.087414573	0.0130229
0.003206171	1.103112545	0.004012346

Nom conc	Nom conc	Nom conc
041719006.D	041719007.D	041719009.D
Sample 13	Sample 13dup	Sample 14
4.607209157	4.51052647	7.397258847
30.80203562	30.21621867	51.78351423
0.176002424	0.172520524	0.1930094
0.269627869	0.249869028	0.303657064
1.570986286	1.654549624	2.097991266
0.014957879	0.015035827	0.013793223
-0.004955824	-0.004955824	-0.004955824
0.405012971	0.279192909	0.569580669
0.034242158	0.023207688	0.069619739
0.622659659	0.597883251	0.875895138
-0.008977423	-0.008977423	0.073747878
-0.004583149	0.002420896	-0.004583149
-0.011387716	-0.011387716	0.042839176
0.017097227	0.021412483	0.009836366
5391.603807	5225.412147	8781.599384
0.004896618	0.007331558	0.006665572
-0.037513884	0.271612465	0.36279418
0.40604953	0.369502419	0.596147018
6.060061767	5.657191849	7.836623369
0.710021697	0.685655034	1.11157137
0.117125547	0.112245988	0.109035293
12.82354381	12.57703048	32.50923482
0.075023885	0.083627927	0.118335764
0.053702509	0.050243406	0.093889962
0.661674551	0.652354312	0.974590745
0.029693218	0.029025707	0.132338108

Nom conc	Nom conc
041719011.D	041719013.D
Sample 15	Sample 16
4.611003348	6.783274804
31.00272964	48.60427455
0.182153933	0.174208707
0.297667768	0.263247647
1.134310253	1.257280158
0.013826329	0.012513893
-0.004955824	-0.004955824
0.412578504	0.362388709
0.043252779	0.035404199
0.346826382	0.290607411
-0.008977423	0.033553768
-0.004583149	-0.004583149
0.822545203	0.023164867
0.011240288	-0.003425676
2215.873289	2518.402348
0.005095059	0.007096535
0.192543179	0.097837335
0.377955392	0.354924761
3.949146728	4.475501601
0.472246759	0.570059081
0.104823963	0.092332411
8.345616952	27.39917699
0.204343371	0.060652836
0.128258519	0.061512695
0.544373828	0.614017462
0.02928736	0.089622932

LB>0	LB>0	LB>0
041219009.D	041519005.D	041619005.D
Batch Blank 2	batch blank 1	batch blank 1
0.115318699	0.054781226	0.093222124
0.128868258	0	0.209004791
0.02747205	0.006386644	0.022029381
0.079225302	0.044022297	0.101796007
0.237009145	0.095767222	0.266103652
0.009132701	0.009132701	0.009132701
0	0	0
0.204464769	0.178286375	0.320385506
0.014724939	0.010606092	0
0.059298824	0.032234977	0.060576291
0	0	0
0.002321449	0	0.004250192
0	0	0
0.0250073	0	0.029289425
2.408530113	0.228245232	2.78368843
0.005165906	0.005673558	0.007519937
0.249351526	0.154339858	0.234372643
0.062122304	0.075168406	0.075414271
1.612627744	0.868516657	2.24579862
0.091124336	0.06320071	0.121451205
0.013983839	0.004877181	0.013739149
0.106193222	0.133033384	0.11145487
0.001509455	0.006992246	0
0.010631097	0.002603806	0.002603806
0.029005962	0.011426049	0.032419357
0.005701871	0.004698766	0.00744957

LB>0

041719005.D

batch blank 1

	Target Compounds
0.081565806	Propylene
0.24745994	Propane
0.007333977	Dichlorodifluoromethane
0.026466281	Chloromethane
0.11523679	Isobutane
0.009132701	Dichlorotetrafluoroethane
0	Vinyl Chloride
0.247074391	1-Butene
0.018027536	1,3-Butadiene
0.046640952	Butane
0	trans-2-butene
0	Bromomethane
0.845421254	cis-2-butene
0	Chloroethane
7.258952511	Ethanol
0.005860032	Vinyl Bromide
0.172022914	Acetonitrile
0.067834315	Acrolein
0.929686266	Acetone
0.06831896	iso-Pentane
0.004868801	Trichlorofluoromethane
0.204672557	Isopropyl Alcohol
0	1-Pentene
0.002603806	Acrylonitrile
0.0130229	n-Pentane
0.004012346	Isoprene

Actual Conc		Actual Conc		Actual Conc
041219003.D		041219004.D		041219006.D
1 ppb		Ambient		Ambient dup
	1		3.295454545	3.295454545
	3.33		19.59	15.66
	2.28		74.93	54.21
	1.58		0.40	0.33
	1.64		0.64	0.46
	1.45		0.52	0.28
	1.29		0.00	0.00
	1.21		0.00	0.00
	1.21		0.43	0.00
	1.99		0.00	0.00
	1.23		0.30	0.44
	1.24		0.00	0.00
	1.10		0.00	0.00
	1.32		0.00	0.00
	1.16		0.00	0.00
	0.00		666.29	586.75
	1.16		0.00	0.00
	1.09		0.00	0.00
	1.15		0.48	0.42
	2.31		5.15	4.84
	1.23		0.77	0.70
	0.98		0.24	0.25
	0.90		1.94	2.58
	1.27		0.00	0.00
	0.81		0.00	0.00
	1.24		0.84	0.72
	1.14		0.15	0.14

Actual Conc		Actual Conc		Actual Conc	
041219007.D		041219009.D		041219011.D	
System blank		Batch Blank 2		Trip Blank	
	3.359550562		1		1
	0.47		0.00		0.00
	1.44		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.24		0.00		0.00
	0.00		0.00		0.00
	0.09		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	76.36		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.33		0.00		0.03
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.46		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.08		0.00		0.00
	0.00		0.00		0.00

Actual Conc	Actual Conc	Actual Conc
041219013.D	041519002.D	041519003.D
Field Blank	Inst blank	1 ppb
1	1	1
0.69	0.00	2.04
1.81	0.00	1.16
0.00	0.00	1.18
0.00	0.00	1.22
0.00	0.00	1.09
0.00	0.00	1.21
0.00	0.00	1.17
0.00	0.00	1.05
0.00	0.00	1.87
0.04	0.00	1.18
0.00	0.00	1.20
0.00	0.00	1.08
0.00	0.00	1.24
0.00	0.00	1.15
136.53	0.00	0.00
0.00	0.00	1.12
0.00	0.00	1.02
0.08	0.00	1.09
0.00	0.00	0.00
0.03	0.00	1.13
0.00	0.00	1.08
0.44	0.00	0.54
0.00	0.00	1.21
0.00	0.00	0.84
0.06	0.00	1.18
0.00	0.00	1.16

Actual Conc		Actual Conc		Actual Conc
041519005.D		041519006.D		041519007.D
batch blank 1		Sample 1		Sample 1dup
	1		2.561403509	2.561403509
	0.00		17.06	18.01
	0.00		59.41	63.47
	0.00		0.40	0.38
	0.00		0.55	0.63
	0.00		0.82	0.97
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.74	0.64
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		1489.95	1455.38
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.57	0.61
	0.00		7.08	7.27
	0.00		0.84	0.86
	0.00		0.25	0.25
	0.00		3.38	3.57
	0.00		0.00	0.00
	0.00		0.00	0.00
	0.00		0.98	0.98
	0.00		0.06	0.00

Actual Conc	Actual Conc	Actual Conc
041519009.D	041519011.D	041519013.D
Sample 2	Sample 3	Sample 4
2.7	2.646017699	2.605263158
196.93	56.18	50.19
699.78	206.52	186.79
0.48	0.54	0.46
0.65	0.72	0.72
8.41	2.69	3.37
0.00	0.00	0.00
0.00	0.00	0.00
0.38	0.45	0.92
0.12	0.00	0.16
1.39	0.66	3.01
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
2655.72	2116.13	2709.91
0.00	0.00	0.00
0.00	0.00	0.00
0.86	0.42	1.46
7.22	7.30	14.09
0.68	0.99	1.70
0.26	0.28	0.30
12.84	13.89	4.37
0.20	1.27	0.24
0.00	0.00	0.08
0.60	1.23	1.78
0.08	0.15	0.17

Actual Conc		Actual Conc		Actual Conc	
041519015.D		041519017.D		041619002.D	
Sample 5		Sample 6		Inst blank	
	2.622807018		2.614035088		1
	42.46		47.19		0.00
	153.76		169.77		0.00
	0.45		0.45		0.00
	0.62		0.69		0.00
	3.66		4.55		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	1.01		1.67		0.00
	0.15		0.26		0.00
	3.19		2.49		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		1.03
	0.00		0.00		0.00
	2801.33		2437.42		0.00
	0.00		0.00		0.00
	0.00		0.23		0.00
	1.53		1.52		0.00
	27.46		21.71		0.00
	2.24		2.49		0.00
	0.34		0.37		0.00
	9.25		8.29		0.00
	0.28		0.23		0.00
	0.09		0.13		0.00
	1.56		2.10		0.00
	0.15		0.18		0.00

Actual Conc		Actual Conc		Actual Conc	
041619003.D		041619005.D		041619006.D	
1 ppb		batch blank 1		Sample 7	
	1		1		2.637168142
	1.75		0.00		35.05
	1.00		0.09		115.10
	1.08		0.00		0.40
	1.09		0.00		0.56
	1.02		0.03		4.65
	1.20		0.00		0.00
	1.15		0.00		0.00
	0.95		0.12		2.02
	1.82		0.00		0.32
	1.17		0.00		2.10
	1.16		0.00		0.00
	1.10		0.00		0.00
	1.19		0.00		0.00
	1.14		0.00		0.00
	0.00		0.43		3044.03
	1.09		0.00		0.00
	1.02		0.00		1.49
	1.06		0.00		2.80
	0.00		0.61		31.96
	1.12		0.03		3.04
	1.10		0.00		0.33
	0.61		0.00		19.41
	1.20		0.00		0.42
	0.82		0.00		0.14
	1.18		0.00		2.19
	1.18		0.00		0.17

Actual Conc		Actual Conc		Actual Conc	
041619007.D		041619009.D		041619011.D	
Sample 7dup		Sample 8		Sample 9	
	2.637168142		2.601769912		2.669642857
	41.27		50.45		48.03
	132.07		162.61		162.96
	0.49		0.47		0.50
	0.70		0.81		0.87
	4.93		5.71		5.56
	0.00		0.00		0.00
	0.00		0.00		0.00
	2.33		5.23		5.53
	0.33		0.59		0.52
	2.35		1.47		1.43
	0.00		0.00		0.18
	0.00		0.00		0.00
	0.00		0.00		0.00
	0.00		0.00		0.00
	3205.26		2789.00		2512.73
	0.00		0.00		0.00
	1.68		0.83		0.52
	2.96		3.71		4.14
	33.09		55.97		30.11
	3.18		4.12		2.85
	0.32		0.30		0.27
	18.21		14.42		31.35
	0.62		0.58		0.43
	0.15		0.19		0.10
	2.32		2.40		2.06
	0.17		0.23		0.33

Actual Conc	Actual Conc	Actual Conc
041619013.D	041619015.D	041619017.D
Sample 10	Sample 11	Sample 12
2.584070796	2.561403509	2.693693694
46.98	32.62	21.83
162.50	121.40	74.77
0.48	0.00	0.48
0.90	0.84	0.71
4.67	4.57	4.04
0.00	0.00	0.00
0.00	0.00	0.00
2.49	0.00	0.37
0.28	0.00	0.09
0.78	0.00	0.74
0.11	0.00	0.00
0.00	0.00	0.42
4.73	0.00	0.00
0.00	0.00	0.00
2476.17	2111.79	2391.22
0.00	0.00	0.00
0.47	0.00	0.36
2.53	1.72	2.24
22.12	15.22	6.92
2.40	1.52	0.96
0.27	0.24	0.25
14.27	21.98	2.57
0.42	0.28	0.24
0.15	0.08	0.00
2.45	1.21	0.75
0.27	0.17	0.08

Actual Conc	Actual Conc	Actual Conc
041719002.D	041719003.D	041719005.D
Inst blank	1 ppb	batch blank 1
1	1	1
0.00	1.72	0.00
0.00	0.92	0.13
0.00	1.09	0.00
0.00	1.05	0.00
0.00	1.00	0.00
0.00	1.16	0.00
0.00	1.12	0.00
0.00	0.95	0.05
0.00	1.78	0.00
0.00	1.07	0.00
0.00	1.13	0.00
0.00	1.06	0.00
0.00	1.18	0.96
0.00	1.12	0.00
0.00	0.00	5.56
0.00	1.05	0.00
0.00	0.96	0.00
0.00	1.02	0.00
0.00	0.00	0.00
0.00	1.09	0.00
0.00	1.08	0.00
0.00	0.59	0.03
0.00	1.18	0.00
0.00	0.81	0.00
0.00	1.17	0.00
0.00	1.17	0.00

Actual Conc	Actual Conc	Actual Conc
041719006.D	041719007.D	041719009.D
Sample 13	Sample 13dup	Sample 14
2.622807018	2.622807018	2.565217391
24.91	24.38	39.50
83.83	82.35	132.66
0.41	0.40	0.44
0.59	0.53	0.68
3.84	4.08	5.24
0.00	0.00	0.00
0.00	0.00	0.00
0.56	0.21	1.00
0.09	0.00	0.25
1.63	1.56	2.31
0.00	0.00	0.20
0.00	0.00	0.00
0.00	0.00	0.12
0.00	0.00	0.00
1872.57	1842.07	2362.16
0.00	0.00	0.00
0.00	0.00	0.32
1.03	0.92	1.57
11.31	10.29	15.48
1.81	1.73	2.91
0.28	0.26	0.25
9.07	8.89	19.75
0.21	0.24	0.33
0.09	0.08	0.17
1.84	1.81	2.69
0.07	0.07	0.35

Actual Conc	Actual Conc
041719011.D	041719013.D
Sample 15	Sample 16
2.7	2.865384615
25.67	40.40
86.82	139.77
0.44	0.44
0.69	0.62
2.66	3.21
0.00	0.00
0.00	0.00
0.60	0.48
0.14	0.10
0.86	0.73
0.00	0.10
0.00	0.00
2.51	0.00
0.00	0.00
1202.55	1366.96
0.00	0.00
0.00	0.00
0.98	0.96
6.12	7.96
1.14	1.53
0.25	0.23
6.05	19.31
0.60	0.00
0.25	0.11
1.54	1.86
0.07	0.26

28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40]	1,1-Dichloroethane
41]	Methyl-t-Butyl-Ether
42]	Vinyl Acetate
43]	2-Methylpentane
44]	2-Butanone
45]	3-Methylpentane
46]	2-Chloroprene
47]	1-Hexene
48]	cis-1,2-Dichloroethene
49]	Diisopropyl ether
50]	Ethyl Acetate
51]	n-Hexane
52]	Chloroform
53]	Tetrahydrofuran
54]	Ethyl Tert-Butyl Ether
55]	Methylcyclopentane
56]	1,2-Dichloroethane
57]	2,4-Dimethylpentane
58]	1,1,1-Trichloroethane
59]	Benzene
60]	Carbon Tetrachloride
61]	Cyclohexane
63]	2-Methylhexane
64]	2,3-Dimethylpentane
65]	Tert Amyl Methyl Ether
66]	3-methylhexane
67]	1,2-Dichloropropane
68]	Ethyl acrylate
69]	Bromodichloromethane
70]	1,4-Dioxane
71]	Trichloroethene
72]	Isooctane
73]	Methyl Methacrylate
74]	Heptane
75]	cis-1,3-Dichloropropene

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1138	1033	1558
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0.003058491	trans-2-pentene
0.001448699	cis-2-pentene
0.023392805	Tert-Butanol
0	1,1-Dichloroethene
0.000911716	Methylene Chloride
0.249925979	3-Chloro-1-Propene
0	1,1,2-Trichloro-1,2,2-...
0.000729954	Carbon Disulfide
0	2,2-Dimethylbutane
0.00596768	trans-1,2-Dichloroethene
0	Cyclopentane
0	2,3-Dimethylbutane
0	1,1-Dichloroethane
0.014932733	Methyl-t-Butyl-Ether
0.08286146	Vinyl Acetate
0.027817615	2-Methylpentane
0.3292517	2-Butanone
0.012683978	3-Methylpentane
0.006593646	2-Chloroprene
0	1-Hexene
0	cis-1,2-Dichloroethene
0.019961425	Diisopropyl ether
0.070197753	Ethyl Acetate
0.019049443	n-Hexane
0.000177402	Chloroform
0.030885669	Tetrahydrofuran
0.016621072	Ethyl Tert-Butyl Ether
0.008880842	Methylcyclopentane
0.005658899	1,2-Dichloroethane
0.021570266	2,4-Dimethylpentane
0	1,1,1-Trichloroethane
0.00777835	Benzene
0.000582864	Carbon Tetrachloride
0.012338742	Cyclohexane
0.011260189	2-Methylhexane
0	2,3-Dimethylpentane
0.010825119	Tert Amyl Methyl Ether
0.029717222	3-methylhexane
0.004276372	1,2-Dichloropropane
0.038203148	Ethyl acrylate
0.010541797	Bromodichloromethane
0.01435953	1,4-Dioxane
0.012092657	Trichloroethene
0.028300367	Isooctane
0.066514659	Methyl Methacrylate
0.033607288	Heptane
0.005418262	cis-1,3-Dichloropropene

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1.22	0.00	0.00
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0.00	0.00	1.18
0.00	0.00	1.23
0.00	0.00	1.18
0.00	0.00	1.20
0.00	0.00	1.20
0.00	0.00	1.22
0.00	0.00	2.39
0.00	0.00	1.21
0.00	0.00	2.45
0.12	0.00	1.17
0.00	0.00	1.18
0.00	0.00	1.20
0.11	0.00	1.20
0.00	0.00	1.23
0.00	0.00	1.20
0.00	0.00	1.20
0.00	0.00	1.04
0.00	0.00	1.18
0.00	0.00	2.33
0.00	0.00	1.21
0.00	0.00	2.50
0.00	0.00	1.06

0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.20	0.20
0.00	0.00	0.00
0.00	0.07	0.08
0.00	0.00	0.00
0.00	0.07	0.06
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.46
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.30	0.30
0.00	0.42	0.40
0.00	0.06	0.06
0.00	0.00	0.00
0.00	0.00	0.04
0.00	0.00	0.00
0.00	2.44	2.49
0.00	13.02	13.21
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.18	0.19
0.00	0.00	0.00
0.00	0.12	0.12
0.00	0.07	0.07
0.00	0.00	0.00
0.00	2.39	2.40
0.00	0.86	0.91
0.00	0.00	0.00
0.00	2.39	2.42
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.07	0.08
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.25	0.26
0.00	0.00	0.00

0.00	0.00	0.00
0.00	0.00	0.00
0.16	0.17	0.31
0.16	0.00	0.00
0.21	0.18	0.26
0.00	0.00	0.00
0.08	0.07	0.06
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.47	0.00	0.00
1.51	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.01
0.96	1.50	2.42
0.52	0.65	1.63
0.00	0.07	0.23
0.00	0.00	0.23
0.07	0.00	1.65
0.00	0.00	9.70
4.21	2.44	5.79
23.98	13.03	32.68
0.45	0.64	1.38
0.00	0.03	0.04
0.00	0.00	0.62
0.00	0.00	0.00
0.11	0.00	0.00
0.00	0.00	0.00
0.32	0.18	0.67
0.00	0.00	0.00
0.19	0.14	0.19
0.07	0.09	0.10
0.00	0.00	0.00
4.55	2.47	9.73
1.72	0.90	3.30
0.00	0.00	0.54
4.83	2.57	10.35
0.00	0.00	0.43
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.07	0.13	0.17
0.00	0.00	0.00
0.00	0.00	0.00
0.55	0.34	1.22
0.00	0.00	0.00

0.00	0.00	0.00
0.00	0.00	0.00
0.20	0.24	0.00
0.00	0.00	0.00
0.33	0.21	0.00
0.00	0.00	0.00
0.07	0.07	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.05	0.00	0.00
0.03	0.00	0.00
0.00	0.00	0.00
3.28	2.84	0.00
1.83	2.48	0.00
0.15	0.17	0.00
0.00	0.00	0.00
0.38	0.12	0.00
0.00	0.00	0.00
6.69	4.04	0.00
37.03	21.59	0.00
1.61	1.49	0.00
0.05	0.05	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.28	0.21	0.00
0.00	0.00	0.00
0.87	0.51	0.00
0.00	0.00	0.00
0.21	0.43	0.00
0.10	0.11	0.00
0.00	0.00	0.00
12.42	7.18	0.00
4.12	2.49	0.00
0.53	0.00	0.00
12.94	7.39	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.19	0.27	0.00
0.06	0.08	0.00
0.00	0.00	0.00
1.42	0.84	0.00
0.00	0.00	0.00

1.23	0.00	0.06
1.16	0.00	0.00
1.23	0.00	0.45
1.09	0.00	0.00
1.11	0.00	0.33
1.10	0.00	0.00
1.08	0.00	0.07
1.03	0.00	0.00
1.24	0.00	0.00
1.15	0.00	0.00
1.14	0.00	0.00
1.25	0.00	2.39
1.20	0.00	0.00
1.25	0.00	0.00
0.00	0.00	0.01
1.11	0.00	1.69
1.62	0.00	2.93
2.54	0.00	0.27
1.52	0.00	0.00
1.20	0.00	0.56
1.20	0.00	0.00
1.26	0.00	8.06
13.47	0.00	44.18
2.34	0.00	1.11
1.21	0.00	0.05
1.20	0.00	0.18
1.23	0.00	0.00
1.20	0.00	0.34
1.22	0.00	0.00
1.22	0.00	1.08
1.21	0.00	0.00
2.39	0.00	0.95
1.19	0.00	0.10
2.47	0.00	0.29
1.16	0.00	15.77
1.19	0.00	5.00
1.20	0.00	0.00
1.21	0.00	15.98
1.20	0.00	0.00
1.20	0.00	0.00
1.19	0.00	0.00
1.05	0.00	0.00
1.16	0.00	0.23
2.34	0.00	0.13
1.19	0.00	0.00
2.33	0.00	1.77
1.06	0.00	0.00

0.07	0.10	0.13
0.06	0.09	0.09
0.47	0.89	0.45
0.00	0.00	0.00
0.37	0.23	0.13
0.00	0.05	0.00
0.07	0.06	0.07
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
2.30	1.39	0.79
0.00	0.00	0.00
0.00	0.00	0.00
0.01	0.01	0.01
1.72	0.88	0.51
3.06	7.44	10.55
0.23	0.43	1.47
0.00	0.00	0.07
0.60	0.22	0.19
0.00	0.00	0.00
8.25	4.61	2.34
44.32	25.93	12.40
1.14	0.63	0.38
0.05	0.04	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.33	0.24	0.19
0.00	0.00	0.00
1.09	0.37	0.14
0.00	0.00	0.00
0.98	1.45	1.04
0.10	0.09	0.07
0.28	0.00	0.00
15.84	6.43	3.50
5.06	1.96	0.67
0.00	0.00	0.00
16.12	5.88	1.86
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.23	0.20	0.31
0.12	0.10	0.09
0.00	0.00	0.00
1.81	0.72	0.28
0.00	0.00	0.00

0.06	0.00	0.00
0.00	0.00	0.00
0.30	0.25	0.13
0.00	0.00	0.00
0.19	0.13	1.26
0.00	0.00	0.00
0.08	0.07	0.08
0.11	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.31	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.26	0.21	0.09
6.27	4.91	2.21
0.69	0.19	0.09
0.00	0.00	0.00
0.13	0.08	0.06
0.00	0.00	0.00
2.22	1.22	1.40
11.56	6.37	7.47
0.93	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.10	0.09	0.00
0.00	0.00	0.00
0.09	0.05	0.00
0.00	0.00	0.00
0.93	0.33	0.39
0.08	0.06	0.08
0.00	0.00	0.00
2.49	1.39	0.47
0.50	0.30	0.18
0.00	0.00	0.00
1.48	0.73	0.56
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.21	0.13	0.08
0.00	0.00	0.00
0.00	0.00	0.00
0.23	0.12	0.00
0.00	0.00	0.00

0.00	1.20	0.00
0.00	1.13	0.00
0.00	1.19	0.00
0.00	1.08	0.00
0.00	1.07	0.00
0.00	1.05	0.24
0.00	1.06	0.00
0.00	0.99	0.00
0.00	1.20	0.00
0.00	1.14	0.00
0.00	1.12	0.00
0.00	1.22	0.00
0.00	1.17	0.00
0.00	1.23	0.00
0.00	0.00	0.00
0.00	1.09	0.00
0.00	1.18	0.13
0.00	1.18	0.00
0.00	1.23	0.00
0.00	1.17	0.00
0.00	1.19	0.00
0.00	1.22	0.00
0.00	2.08	0.00
0.00	2.33	0.00
0.00	1.19	0.00
0.00	1.18	0.00
0.00	1.22	0.00
0.00	1.16	0.00
0.00	1.19	0.00
0.00	1.20	0.00
0.00	1.20	0.00
0.00	2.35	0.00
0.00	1.17	0.00
0.00	2.42	0.00
0.00	1.15	0.00
0.00	1.16	0.00
0.00	1.20	0.00
0.00	1.20	0.00
0.00	1.20	0.00
0.00	1.22	0.00
0.00	1.16	0.00
0.00	1.04	0.00
0.00	1.17	0.00
0.00	2.33	0.00
0.00	1.22	0.00
0.00	2.31	0.00
0.00	1.03	0.00

0.00	0.00	0.09
0.00	0.00	0.06
0.28	0.24	0.27
0.00	0.00	0.00
0.16	0.15	0.15
0.00	0.00	0.00
0.08	0.07	0.08
0.03	0.03	0.00
0.00	0.00	0.06
0.00	0.00	0.00
0.25	0.22	0.42
0.00	0.00	0.47
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.11	0.00	0.31
2.26	2.14	1.83
0.10	0.13	0.19
0.00	0.00	0.00
0.07	0.06	0.11
0.00	0.00	0.00
1.63	1.50	2.08
8.26	8.36	11.32
0.00	0.00	0.32
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.13	0.13	0.16
0.00	0.00	0.00
0.20	0.18	0.16
0.00	0.00	0.00
0.38	0.36	0.73
0.07	0.06	0.06
0.00	0.00	0.00
2.32	2.21	1.77
0.91	0.87	0.68
0.00	0.00	0.00
2.41	2.31	1.95
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.09	0.09	0.46
0.00	0.00	0.15
0.00	0.00	0.00
0.26	0.26	0.30
0.00	0.00	0.00

0.00	0.00
0.00	0.00
0.14	0.19
0.11	0.00
0.12	0.14
0.00	0.00
0.07	0.07
0.00	0.05
0.00	0.00
0.00	0.00
0.17	0.56
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.28
1.45	27.62
0.05	0.11
0.00	0.00
0.09	0.12
0.00	0.00
0.50	0.53
3.78	4.10
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.09
0.00	0.00
0.00	0.06
0.00	0.00
0.35	0.34
0.07	0.06
0.00	0.00
0.10	0.22
0.00	0.00
0.00	0.00
0.12	0.24
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.13	0.22
0.00	0.09
0.00	0.00
0.00	0.13
0.00	0.00

76]	4-Methy-2-Pentanone
77]	Methylcyclohexane
78]	trans-1,3-Dichloropropene
79]	1,1,2-Trichloroethane
80]	2,3,4-Trimethylpentane
81]	Toluene
82]	2-Methylheptane
83]	2-Hexanone
84]	Dibromochloromethane
85]	3-Methylheptane
86]	1,2-Dibromoethane
87]	Octane
88]	Tetrachloroethene
90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene
121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene

0.890816327	-5.292675726	7.249086819	0.026503371	-0.199453488	4.918487299	0.068307184
1.058163265	-8.447201841	10.90127494	0.023286809	0.072203472	8.090051593	0.098673114
0.753061224	-94.47584487	35.50191159	0.006283218	-2.822281306	17.95124615	0.298214697
1.124489796	0.012772875	14.25928046	0.005952903	0.285748325	12.32998238	0.075913033
1.070408163	-1.646173543	4.06926288	0.025253715	-0.0653711	3.205889683	0.018390133
2.12755102	-0.706314924	2.93673205	0.022068016	-0.014726956	2.016967646	0.1158288
1.063265306	-5.221895837	7.080324957	0.030750154	-0.108918698	4.83873215	0.086747139
0.546938776	-2.348939178	4.851375007	0.066247073	-0.440677764	6.004649265	-0.125107638
1.066326531	-0.707671655	6.056483953	0.011383062	0.021755861	4.976366958	0.075371128
1.071428571	-2.832355933	5.343633732	0.043762975	-0.126242261	4.375388145	0.016081924
1.040816327	-16.21047804	14.22132508	0.01853853	-0.471166856	9.69154396	0.138197436
1.067346939	-3.692449779	5.628649888	0.034054688	-0.104269489	3.682076423	0.072607924
1.171428571	-1.360492566	8.113161133	0.0092379	0.182307208	6.170871611	0.121435299
1.125	0.440004891	5.908152701	0.003051743	-0.054504029	6.172051928	-0.021987999
1.123958333	-2.660022259	6.710339074	0.007508398	-0.147434967	5.076819377	0.093076064
2.176041667	-0.631314665	2.354038104	0.032127704	-0.013265582	1.315942678	0.154001557
2.147916667	-0.670306083	2.536023041	0.066103387	-0.018944373	1.578277542	0.14888565
2.125	-0.307440326	1.825170178	0.037620031	-0.008515829	1.399347011	0.061247586
1.044791667	-2.681297095	6.870236574	0.013242611	-0.109176813	5.009826968	0.102291074
2.063541667	-5.862283527	6.796472955	0.047883213	-0.050322217	2.714277108	0.250039065
1.125	-59.00939347	21.18911724	0.094737235	-0.321472989	5.12743579	0.51230017
1.126041667	-2.21113246	5.872422123	0.022083775	-0.149523354	4.959861405	0.048842121
2.141666667	-0.430211286	2.012217105	0.051817575	-0.007659185	1.329606149	0.118043045
1.067708333	-6.329698915	7.204971596	0.052589883	-0.035832181	4.15405439	0.154773307
0.96875						
1.04375	-1.574955826	3.779897312	0.033344583	0.004681567	2.185749538	0.181566701
0				-0.018505523	2.061693862	0.240123064
1.021875	-2.540116389	4.565956367	0.031720722	-0.018976792	2.067519676	0.227455789
1.04375	-3.265432245	5.147895533	0.046044028	-0.014695387	2.288031313	0.229956245
2.097916667	-0.348849635	1.807365642	0.046773559	-0.003114164	1.140419033	0.105289884
2.120833333	-0.246844866	1.649520676	0.051056115	-0.000638854	1.093713747	0.07723514
1.09375	-0.848587638	2.952704373	0.039173743	0.005044376	1.87634985	0.101834018
2.028125	-0.490160117	2.081800595	0.050972351	-0.007087486	1.181903725	0.132648253
1.026041667	-2.971809186	4.980738799	0.019420596	0.028667951	2.723887687	0.111200501
1.107291667	2.490973298	5.474561011	0.041452174	0.334705757	3.314892415	0.176503431
1.109375	6.304707861	3.794101204	0.048122967	0.522174841	2.798795884	0.17543597
1.046875	-1.744629219	4.298103605	0.055949165	0.03546849	2.812073577	0.090807938
1.104166667	-0.450928041	2.342112563	0.040099207	0.026225827	1.45310307	0.115687378
1.013541667	-1.747544354	4.207374282	0.040707955	0.086549916	2.086157227	0.174079763
1.098958333	3.039616506	4.199707948	0.050188923	0.509862909	2.662510558	0.207470736
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0.969791667	-1.340012719	5.410862038	0.057668291	0.308992967	2.916666007	0.226763449
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0.072127086	0.072127086	0.072127086
0.078095233	0.077553239	0.060002209
0.037359508	0.036156205	0.035833099
0.061348961	0.057979203	0.063610082

1.103948965	1.42278614
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0.03358949	0.047394759
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0.072739421	0.085244763
0.024625213	0.024755726
0.050746078	0.063288579
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0.040820996	0.062190899
0.079101013	0.125508102
0.050888769	0.070967628
0.026624126	0.02808541
0.047883213	0.047883213
0.094737235	0.094737235
0.022083775	0.022083775
0.059799794	0.082951255
0.064096709	0.074178366
0	0
0.038479707	0.042034301
0	0
0.082792239	0.148992941
0.046044028	0.088135456
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0.048122967	0.048122967
0.084064344	0.095777145
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0.050188923	0.050188923
0.092333374	0.150097346
0.057668291	0.057668291
0.067552863	0.075396831
0.072127086	0.072127086
0.074879046	0.08140227
0.034703779	0.034702422
0.063986926	0.061254019

0.026503371	0.123613774	0.026503371
0.026730293	0.029212161	0.028855628
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0.026789429	0.027505959	0.026125786
0.030750154	0.030750154	0.030750154
0.066247073	0.066247073	0.066247073
0.023922076	0.023292274	0.021332571
0.043762975	0.043762975	0.043762975
0.01853853	0.01853853	0.01853853
0.040049941	0.034054688	0.040421916
0.0092379	0.012303491	0.0092379
0.003051743	0.007756737	0.003051743
0.007508398	0.012491725	0.007508398
0.034631624	0.03691125	0.034248966
0.069818694	0.071312814	0.068743912
0.040124163	0.041248949	0.04082661
0.026126572	0.029007761	0.024775387
0.047883213	0.047883213	0.047883213
0.094737235	0.094737235	0.094737235
0.022083775	0.026866816	0.022083775
0.054670027	0.056359072	0.054029917
0.054797177	0.052589883	0.055369901
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0.046044028	0.046044028	0.046044028
0.046773559	0.053481782	0.046773559
0.051056115	0.051056115	0.051056115
0.039173743	0.044722341	0.039173743
0.050972351	0.050972351	0.050972351
0.019420596	0.028628176	0.019420596
0.041452174	0.041452174	0.041452174
0.048122967	0.048122967	0.048122967
0.055949165	0.064063733	0.055949165
0.040099207	0.044859252	0.040099207
0.040707955	0.049123409	0.040707955
0.050188923	0.053372365	0.050188923
0.047014505	0.054011547	0.047014505
0.057668291	0.063561267	0.057668291
0.067552863	0.073272028	0.067552863
0.072127086	0.07483372	0.072127086
0.066932552	0.074432866	0.068217957
0.039395663	0.043891291	0.030853899
0.051691884	0.051466658	0.04099213

0.159438447	4-Methy-2-Pentanone
0.029750661	Methylcyclohexane
0.006283218	trans-1,3-Dichloropropene
0.005952903	1,1,2-Trichloroethane
0.030784203	2,3,4-Trimethylpentane
0.028122228	Toluene
0.030750154	2-Methylheptane
0.066247073	2-Hexanone
0.023112315	Dibromochloromethane
0.043762975	3-Methylheptane
0.01853853	1,2-Dibromoethane
0.034054688	Octane
0.0092379	Tetrachloroethene
0.007675677	1,1,1,2-Tetrachloroethane
0.012987725	Chlorobenzene
0.037388113	Ethylbenzene
0.071990125	m-Xylene
0.041341651	p-Xylene
0.027855389	Bromoform
0.047883213	Styrene
0.094737235	Butyl Acrylate
0.028097401	1,1,2,2-Tetrachloroethane
0.05651191	o-Xylene
0.057748448	Nonane
0	Bromofluorobenzene
0.042425416	Cumene
0	Chlorotoluenes
0.038809048	n-Propylbenzene
0.046044028	m-Ethyltoluene
0.053156804	1,3,5-Trimethylbenzene
0.055190709	1,2,4-Trimethylbenzene
0.043611445	Tert-Butyl Benzene
0.050972351	1-Ethyl-4-Methyl Benzene
0.029454351	o-Ethyltoluene
0.041452174	1,3-Dichlorobenzene
0.048122967	1,4-Dichlorobenzene
0.055949165	n-Decane
0.045120281	Sec-Butyl Benzene
0.048554312	1,2,3-Trimethylbenzene
0.050188923	1,2-Dichlorobenzene
0.053094886	o-Cymene
0.062802791	1,3-Diethylbenzene
0.067552863	1,2-Diethylbenzene
0.075388314	n-Butyl Benzene
0.071228622	Undecane
0.0435936	1,2,4-Trichlorobenzene
0.05369381	Naphthalene

0.90	0.00	0.00
1.12	0.00	0.00
0.77	0.00	0.00
1.17	0.00	0.00
1.17	0.00	0.00
2.26	62.70	64.26
1.17	0.00	0.00
0.59	0.00	0.00
1.10	0.00	0.00
1.26	0.00	0.00
1.19	0.00	0.00
1.21	0.00	0.00
1.24	0.00	0.00
1.20	0.00	0.00
1.23	0.00	0.00
2.47	0.00	0.00
2.25	0.00	0.20
2.21	0.00	0.00
1.07	0.00	0.00
2.34	0.00	0.00
1.11	0.00	0.00
1.21	0.00	0.00
2.32	0.00	0.00
1.22	0.00	0.00
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1.15	0.56	0.55
1.12	0.00	0.00
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2.85	0.00	0.00
1.61	0.00	0.00

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0.00	0.00	0.94
0.00	0.00	1.15
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0.00	0.00	2.29
0.00	0.00	1.16
0.00	0.00	0.60
0.00	0.00	1.16
0.00	0.00	1.29
0.00	0.00	1.13
0.00	0.00	1.18
0.00	0.00	1.27
0.00	0.00	1.23
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0.00	0.00	2.26
0.00	0.00	1.32
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0.00	0.00	2.31
0.00	0.00	1.19
0.00	0.00	0.00
0.00	0.00	1.12
0.00	0.00	0.00
0.00	0.00	1.09
0.00	0.00	1.08
0.00	0.00	2.27
0.00	0.00	2.21
0.00	0.00	1.17
0.00	0.00	2.18
0.00	0.00	1.12
0.00	0.00	1.11
0.00	0.00	1.04
0.00	0.00	1.10
0.00	0.00	1.16
0.00	0.00	1.04
0.00	0.00	1.12
0.00	0.00	1.18
0.00	0.00	1.03
0.00	0.00	1.05
0.00	0.00	1.26
0.00	0.00	1.07
0.00	0.00	2.35
0.00	0.00	1.31

0.00	4.20	4.25
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	42.20	43.04
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0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
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0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.07	0.06
0.00	0.39	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.01	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.88	0.89
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

16.15	10.24	22.23
0.00	0.00	0.23
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
6.87	2.07	1.56
0.00	0.00	0.12
0.00	0.00	0.04
0.00	0.00	0.00
0.00	0.00	0.08
0.00	0.00	0.00
0.00	0.00	0.20
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.13	0.00
0.06	0.13	0.13
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.09	0.26	0.27
0.00	0.05	0.15
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.21	0.98	1.08
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.88
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
20.79	37.71	44.70
0.00	0.00	0.00
0.04	0.06	0.07
0.00	0.00	0.00
0.29	0.50	0.74
0.00	0.16	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.13	0.11
0.00	0.00	0.00
0.08	0.29	0.11

23.19	14.44	0.00
0.00	0.16	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.03	0.00
1.08	1.76	0.00
0.12	0.20	0.00
0.05	0.08	0.00
0.00	0.00	0.00
0.09	0.17	0.00
0.00	0.00	0.00
0.00	0.14	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.13	0.17	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.30	0.33	0.00
0.08	0.15	0.00
0.00	0.00	0.00
0.00	0.03	0.00
0.00	0.00	0.00
0.00	0.00	0.00
1.40	1.56	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
75.63	93.66	0.00
0.00	0.12	0.00
0.00	0.21	0.00
0.00	0.00	0.00
0.00	0.07	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.31	0.00
0.00	0.00	0.00
0.00	0.20	0.00

0.00	0.00	29.85
1.14	0.00	0.35
0.77	0.00	0.00
1.23	0.00	0.00
1.20	0.00	0.00
2.32	0.00	2.07
1.17	0.00	0.27
0.59	0.00	0.07
1.15	0.00	0.00
1.26	0.00	0.15
1.15	0.00	0.00
1.17	0.00	0.12
1.26	0.00	0.00
1.23	0.00	0.00
1.23	0.00	0.00
2.38	0.00	0.00
1.85	0.00	0.00
1.92	0.00	0.18
1.14	0.00	0.00
2.25	0.00	0.00
0.00	0.00	0.00
1.26	0.00	0.00
2.33	0.00	0.31
1.17	0.00	0.20
0.00	0.00	0.00
1.13	0.00	0.04
0.00	0.00	0.00
1.07	0.00	0.00
1.09	0.00	1.34
2.24	0.00	0.00
2.20	0.00	0.00
1.15	0.00	0.00
2.18	0.00	0.00
1.14	0.00	0.00
1.11	0.00	0.25
0.96	0.00	0.00
1.09	0.00	119.90
1.15	0.00	0.13
1.04	0.00	0.21
1.09	0.00	0.00
1.17	0.00	0.00
1.02	0.00	0.00
1.04	0.00	0.00
1.25	0.00	0.00
1.03	0.00	0.29
2.08	0.00	0.00
1.24	0.00	0.00

30.08	20.03	11.25
0.00	0.18	0.10
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.03
2.10	1.35	6.31
0.31	0.38	0.37
0.13	0.15	0.15
0.00	0.00	0.00
0.28	0.31	0.33
0.00	0.00	0.00
0.12	0.09	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.18
0.00	0.11	0.31
0.15	0.14	0.17
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.31	0.17	0.18
0.21	0.27	0.22
0.00	0.00	0.00
0.03	0.05	0.03
0.00	0.00	0.00
0.06	0.00	0.00
1.37	0.84	0.22
0.00	0.04	0.07
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.24	0.94	0.12
0.00	0.00	0.00
121.56	136.99	58.84
0.00	0.00	0.00
0.23	0.26	0.17
0.00	0.00	0.00
0.00	0.00	1.18
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.29	0.62	0.29
0.00	0.00	0.10
0.00	0.11	0.41

10.32	5.41	7.54
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.04
13.66	1.81	20.95
0.15	0.00	0.00
0.16	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.10	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.07	0.00	0.00
0.11	0.05	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.04	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.11	0.00	0.00
0.00	0.00	0.00
11.70	2.48	0.34
0.00	0.00	0.00
0.07	0.04	0.00
0.00	0.00	0.00
0.00	0.00	0.17
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.22	0.00	0.00

0.00	0.87	0.00
0.00	1.11	0.00
0.00	0.72	0.00
0.00	1.19	0.00
0.00	1.17	0.00
0.00	2.27	0.00
0.00	1.15	0.00
0.00	0.58	0.00
0.00	1.12	0.00
0.00	1.23	0.00
0.00	1.10	0.00
0.00	1.15	0.00
0.00	1.23	0.00
0.00	1.19	0.00
0.00	1.18	0.00
0.00	2.33	0.00
0.00	2.12	0.00
0.00	2.33	0.00
0.00	1.11	0.00
0.00	2.18	0.00
0.00	1.01	0.00
0.00	1.23	0.00
0.00	2.28	0.00
0.09	1.15	0.00
0.00	0.00	0.00
0.00	1.11	0.00
0.00	0.00	0.00
0.00	1.04	0.00
0.00	1.08	0.00
0.00	2.20	0.01
0.00	2.15	0.00
0.00	1.13	0.00
0.00	2.13	0.00
0.00	1.12	0.00
0.00	1.02	0.00
0.00	1.01	0.00
0.00	1.05	0.00
0.00	1.13	0.00
0.00	0.99	0.00
0.00	1.04	0.00
0.00	1.13	0.00
0.00	0.97	0.00
0.00	0.97	0.00
0.00	1.17	0.00
0.00	0.97	0.00
0.00	2.05	0.00
0.00	1.14	0.00

4.71	4.63	7.71
0.00	0.00	0.18
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.07
3.26	3.14	29.26
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.04
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.14
0.00	0.00	0.08
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.07
0.00	0.00	0.04
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.31	0.00	0.17
0.00	0.00	0.00
0.00	0.00	0.04
0.00	0.00	0.00
0.10	0.00	0.32
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

2.59	3.56
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.07
8.89	101.21
0.00	0.09
0.00	0.03
0.00	0.00
0.00	0.06
0.00	0.00
0.00	0.12
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.17
0.00	0.34
0.00	0.19
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.17
0.00	0.06
0.00	0.00
0.00	0.00
0.00	0.00
0.14	0.34
0.00	0.13
0.00	0.05
0.00	0.08
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.08	0.12
0.00	0.13
0.00	0.07
0.00	0.00
0.14	0.33
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

124] Dodecane
125] Hexachlorobutadiene

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed May 22 13:56:38 2019

1.030208333	-16.95118351	11.50172992	0.046804036	-0.163296412	5.008900989	0.160094498
1.0875	-0.162369136	2.43106948	0.008564197	-0.010094479	2.489809656	-0.062199251

0.007525364	0.007752693	0.212907075
0.00323389	0.003516855	0.386907485

79291	2108	1672
232313	2891	2686
---	---	
	110818012	110818012
Ambient	Ambient dup	
1872732	1872732	
7296445	7296445	
1928263	1928263	
109217	109217	
79208	79208	
2198	2198	
10871	10871	
0	0	
0	0	
0	0	
449507	449507	
14894	14894	
0	0	
0	0	
0	0	
0	0	
0	0	
25448	25448	
15781	15781	
11636	11636	
38618	38618	
1039708	1039708	
0	0	
1327	1327	
41328	41328	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
26464	26464	
0	0	
43547	43547	
0	0	
0	0	
22922	22922	
0	0	
0	0	
0	0	

1587	877	657
2218	2443	2331
---	---	---
111318010		
System blank	Batch Blank 2	Trip Blank
1480076	NA	448525
5127555	NA	1547630
1493331	NA	561236
72439	NA	44669
60165	NA	31860
1813	NA	0
21772	NA	4737
0	NA	24502
0	NA	0
0	NA	0
354674	NA	256438
12792	NA	0
0	NA	0
0	NA	0
8685	NA	0
0	NA	0
4010	NA	584
21275	NA	22208
7297	NA	2328
196819	NA	6417
29404	NA	12420
531497	NA	556645
0	NA	0
0	NA	589
14969	NA	9358
0	NA	0
0	NA	0
2294	NA	0
0	NA	0
0	NA	0
0	NA	1134
0	NA	19219
0	NA	0
34031	NA	14258
0	NA	0
0	NA	0
217993	NA	14930
0	NA	0
0	NA	0
0	NA	0

	1233	0	50684
	2339	1647	199528
---	---	---	
Field Blank	Inst blank	1 ppb	
	438877	NA	NA
	1508200	NA	NA
	554465	NA	NA
	42127	NA	NA
	31531	NA	NA
	1570	NA	NA
	3874	NA	NA
	17758	NA	NA
	0	NA	NA
	0	NA	NA
	253345	NA	NA
	0	NA	NA
	0	NA	NA
	0	NA	NA
	0	NA	NA
	0	NA	NA
	997	NA	NA
	21749	NA	NA
	1531	NA	NA
	10256	NA	NA
	11824	NA	NA
	630705	NA	NA
	0	NA	NA
	1104	NA	NA
	7804	NA	NA
	0	NA	NA
	0	NA	NA
	0	NA	NA
	2763	NA	NA
	0	NA	NA
	1127	NA	NA
	0	NA	NA
	0	NA	NA
	12841	NA	NA
	0	NA	NA
	0	NA	NA
	10077	NA	NA
	0	NA	NA
	0	NA	NA
	0	NA	NA

	2798	2992	2867
	5795	2518	2062
---	---	---	

batch blank 1	Sample 1	Sample 1dup
426438	NA	NA
1427120	NA	NA
474414	NA	NA
39932	NA	NA
30696	NA	NA
1114	NA	NA
5106	NA	NA
16819	NA	NA
0	NA	NA
0	NA	NA
254694	NA	NA
0	NA	NA
3188	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
1021	NA	NA
17284	NA	NA
0	NA	NA
6565	NA	NA
4468	NA	NA
315803	NA	NA
0	NA	NA
609	NA	NA
6092	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA
12284	NA	NA
0	NA	NA
0	NA	NA
17572	NA	NA
0	NA	NA
0	NA	NA
0	NA	NA

6658	9824	3774
2576	3147	2250

--- --- ---

Sample 2	Sample 3	Sample 4
323482	1532702	1448952
951794	5363513	4860468
261395	1365735	1281611
13772	76548	70370
12292	58363	54342
660	2678	2407
1326	5877	5462
0	0	0
0	0	0
0	0	0
99435	382931	344866
0	0	11713
0	0	0
0	0	0
0	0	0
0	0	0
0	0	756
7662	41426	40426
0	3226	3798
0	16736	0
1726	15074	31809
94748	607559	1120168
0	0	0
487	1731	1999
2772	32917	53386
0	0	0
0	0	0
0	2199	0
0	0	0
0	0	0
0	1345	0
4244	27379	0
0	0	0
6471	36422	32637
0	0	0
168	0	512
2493	14611	44660
0	0	0
150	0	0
0	0	0

4937	21326	0
1719	3332	1173

Sample 5	Sample 6	Inst blank
441695	301926	NA
1538394	892984	NA
565617	240491	NA
46315	12496	NA
31029	9280	NA
2760	577	NA
4542	0	NA
28607	0	NA
0	0	NA
0	0	NA
265047	97707	NA
8188	0	NA
4429	0	NA
0	0	NA
0	0	NA
0	0	NA
0	0	NA
46799	6615	NA
1326	0	NA
24622	0	NA
22173	1566	NA
1926520	93696	NA
0	0	NA
2293	447	NA
43139	1519	NA
0	0	NA
0	0	NA
1677	0	NA
3419	0	NA
0	0	NA
0	0	NA
11131	4588	NA
0	0	NA
13060	6410	NA
0	1768	NA
0	0	NA
4834	2717	NA
0	0	NA
0	0	NA
0	0	NA

	39347	0	31318
	175679	1796	1976
---	---	---	---
1 ppb		batch blank 1	Sample 7
	NA	426438	292492
	NA	1427120	997686
	NA	474414	344165
	NA	39932	31610
	NA	30696	0
	NA	1114	0
	NA	5106	0
	NA	16819	0
	NA	0	0
	NA	0	0
	NA	254694	186951
	NA	0	0
	NA	3188	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	1021	0
	NA	17284	25736
	NA	0	0
	NA	6565	29198
	NA	4468	15318
	NA	315803	550222
	NA	0	0
	NA	609	0
	NA	6092	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	0	0
	NA	12284	10534
	NA	0	0
	NA	0	0
	NA	17572	0
	NA	0	0
	NA	0	0
	NA	0	0

31675	38623	23472
1574	2721	9587
---	---	---
Sample 7dup	Sample 8	Sample 9
292492	282704	421407
997686	930259	1424464
344165	359433	491549
31610	0	41678
0	24833	28749
0	0	1075
0	0	2404
0	0	13898
0	0	0
0	0	0
186951	168751	242480
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
25736	11441	14223
0	0	0
29198	0	6864
15318	0	5141
550222	172791	397453
0	0	10350
0	0	460
0	0	12435
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
10534	10385	12001
0	0	0
0	0	0
0	3643	4351
0	0	0
0	0	0
0	0	2547

	34660	6287	2413
	2292	3967	2057
---	---	---	

Sample 10	Sample 11	Sample 12
1381863	NA	432404
4509352	NA	1441742
1134132	NA	501476
63815	NA	42350
56076	NA	30416
5124	NA	1359
5902	NA	3466
0	NA	0
0	NA	0
0	NA	0
320642	NA	245107
0	NA	0
10116	NA	3529
321724	NA	950
0	NA	17089
0	NA	2149
0	NA	545
70883	NA	20724
4154	NA	499
11953	NA	0
9910	NA	25586
251078	NA	283163
7925	NA	0
4211	NA	1068
8837	NA	4704
0	NA	0
0	NA	0
2851	NA	1429
3390	NA	373
0	NA	0
0	NA	0
0	NA	5103
0	NA	0
32152	NA	12390
0	NA	0
917	NA	250
11601	NA	4325
0	NA	0
0	NA	0
0	NA	0

0	34603	800
1044	155267	4405
---	---	---
Inst blank	1 ppb	batch blank 1
NA	NA	426438
NA	NA	1427120
NA	NA	474414
NA	NA	39932
NA	NA	30696
NA	NA	1114
NA	NA	5106
NA	NA	16819
NA	NA	0
NA	NA	0
NA	NA	254694
NA	NA	0
NA	NA	3188
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	1021
NA	NA	17284
NA	NA	0
NA	NA	6565
NA	NA	4468
NA	NA	315803
NA	NA	0
NA	NA	609
NA	NA	6092
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	12284
NA	NA	0
NA	NA	0
NA	NA	17572
NA	NA	0
NA	NA	0
NA	NA	0

3011	2467	2889
1795	1613	1990
---	---	---
Sample 13	Sample 13dup	Sample 14
145242	145242	289265
621227	621227	941851
298763	298763	363759
59970	59970	0
44894	44894	0
534	534	0
0	0	0
44397	44397	0
0	0	0
0	0	0
174934	174934	168438
0	0	0
2109	2109	0
0	0	0
0	0	0
0	0	0
0	0	0
108465	108465	14956
0	0	0
0	0	10222
2430	2430	13106
170817	170817	303724
4096	4096	0
349	349	0
5678	5678	6583
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
6170	6170	8948
0	0	0
1869	1869	8702
0	0	0
0	0	0
2297	2297	4012
0	0	0
0	0	0
1625	1625	0

	2882	2711
	1610	1993
---	---	
		Blanks
Sample 15	Sample 16	
	1180274	134062
	4323830	603208
	994660	320317
	0	41503
	0	28976
	0	1394
	0	0
	0	37888
	0	1378
	0	1026
	296696	149402
	0	0
	0	9570
	0	0
	0	716
	0	0
	0	0
	0	55910
	0	655
	0	9007
	0	1799
	279810	206606
	0	9390
	0	2572
	34915	5684
	0	1471
	0	0
	0	3812
	0	1050
	0	1939
	0	2023
	12590	7222
	0	1308
	32228	1064
	0	1052
	0	1617
	41391	3478
	0	1425
	0	1051
	0	2464

	0.190525506	0.003738437	0.003029869
	0.558216594	0.00512705	0.004867362
data file		110818012	110818012
	Ambient	Ambient dup	

	0.003090098	0.001669239	0.001198848
	0.004318738	0.004649888	0.004253448
	111318010		1116180004
System blank		Batch Blank 2	Trip Blank

	0.002307969	0	0.124257773
	0.004378215	0.003064893	0.489166303
	111618002		
Field Blank	Inst blank	1 ppb	

	0.005157575	0.005264667	0.005138472
	0.010681969	0.004430626	0.003695685
	111418017		
batch blank 1	Sample 1	Sample 1dup	

0.011748285	0.017649352	0.006574329
0.004545447	0.005653757	0.003919512
110618008	111318008	111318012
Sample 2	Sample 3	Sample 4

0.008527271	0.038765383	0
0.002969086	0.00605675	0.002459161
111518007	110618010	
Sample 5	Sample 6	Inst blank

	0.10972668	0	0.057183549
	0.489914694	0.003872718	0.003607979
		111418017	111418008
1 ppb	batch blank 1	Sample 7	

	0.058947451		0.075722167		0.047698495
	0.002929228		0.005334646		0.019482169
	111418008		111418010		111418001
Sample 7dup		Sample 8		Sample 9	

0.072238583	0.013507475	0.005265892
0.004777	0.008523008	0.004488992
111318014		111518010
Sample 10	Sample 11	Sample 12

0	0.102093623	0.001825284
0.002311586	0.458103938	0.010050469

111418017

Inst blank 1 ppb batch blank 1

0.006931049	0.005425806	0.006459792
0.004131927	0.003547558	0.004449632
3071904	3071904	111418012
Sample 13	Sample 13dup	Sample 14

0.00646455	0.005975459
0.003611355	0.004392877
111318001	30719007

Sample 15 Sample 16

1.622849525	0.089565621	0.08149716
1.315032363	0.021024144	0.020393245

0.082183643	0.065955944	0.060568502
0.01906032	0.019864887	0.018901687

0.073259375	0.046804036	1.214257206
0.019204829	0.01601364	1.158909184

0.105674161	0.106886988	0.105457772
0.034514278	0.019332169	0.017546446

0.179590001	0.244521829	0.121687529
0.019611139	0.022303684	0.01809031

0.14364981	0.467199524	0.046804036
0.015780821	0.023282621	0.014541606

1.104759371	0.046804036	0.649084106
1.1606096	0.017976608	0.017333332

0.665899688	0.820544465	0.556852816
0.01568396	0.02152847	0.055865075

0.789214435	0.199070585	0.106900848
0.020173712	0.029272427	0.019473978

0.046804036	1.0443733	0.067741482
0.014182955	1.088172039	0.032981185

0.12570876	0.108711158	0.120395468
0.018606427	0.017186513	0.019378347

0.120449152	0.11492689
0.017341535	0.019240453

0.065955944	0.105674161	0.046804036
0.019864887	0.034514278	0.017976608

0.067741482	Dodecane
0.032981185	Hexachlorobutadiene

Propylene
Propane
Dichlorodifluoromethane
Chloromethane
Isobutane
Dichlorotetrafluoroethane
Vinyl Chloride
1-Butene
1,3-Butadiene
Butane
trans-2-butene
Bromomethane
cis-2-butene
Chloroethane
Ethanol
Vinyl Bromide
Acetonitrile
Acrolein
Acetone
iso-Pentane
Trichlorofluoromethane
Isopropyl Alcohol
1-Pentene
Acrylonitrile
n-Pentane
Isoprene
trans-2-pentene
cis-2-pentene
Tert-Butanol
1,1-Dichloroethene
Methylene Chloride
3-Chloro-1-Propene
1,1,2-Trichloro-1,2,2-...
Carbon Disulfide
2,2-Dimethylbutane
trans-1,2-Dichloroethene
Cyclopentane
2,3-Dimethylbutane
1,1-Dichloroethane
Methyl-t-Butyl-Ether
Vinyl Acetate
2-Methylpentane

1.60	0.08	0.00
1.41	0.00	0.00

ABOVE MAX? ABOVE MAX?

AC

AC AC

0.00	0.00	0.00
0.00	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?

AC

0.00	0.00	1.18
0.00	0.00	1.24
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?

AC

0.04	0.11	0.10
0.02	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?

	AC	AC
	AC	AC

0.32	0.49	0.15
0.00	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?
AC		
AC	AC	AC
AC	AC	AC

0.21	1.08	0.00
0.00	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?

AC

AC

AC

AC

1.07	0.00	1.58
1.24	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?

AC

AC

AC

1.63	2.02	1.35
0.00	0.00	0.10
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?
AC	AC	AC
AC	AC	AC
	AC	
AC	AC	AC

1.93	0.35	0.11
0.00	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?
AC	AC	AC
AC	AC	AC
AC	AC	

0.00	1.01	0.00
0.00	1.16	0.01
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?

0.16	0.12	0.14
0.00	0.00	0.00
ABOVE MAX?	ABOVE MAX?	ABOVE MAX?
AC	AC	AC
AC	AC	AC
		AC

	0.15		0.14
	0.00		0.00
ABOVE MAX?		ABOVE MAX?	
AC		AC	
AC		AC	
		AC	

0	0
0	0
0	0
91127	91127
0	0
41473	41473
0	0
0	0
0	0
0	0
0	0
0	0
0	0
1098	1098
6929	6929
0	0
0	0
0	0
17512	17512
0	0
5008	5008
0	0
0	0
0	0
0	0
0	0
0	0
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0	0
0	0
0	0
2946	2946
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0	0
0	0
97626	97626
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0	0
0	0
0	0
1474	1474
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0	0

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443389	NA	64280
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83426	NA	58748
3895	NA	0
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1409	NA	0
4766	NA	415
2366	NA	0
1542	NA	0
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6688	NA	1487
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2551	NA	936
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1935	NA	0
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54486	NA	NA
0	NA	NA
36132	NA	NA
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1763	NA	NA
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3638	NA	NA
50151	NA	NA
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9904	NA	NA
0	NA	NA
0	NA	NA
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1419	NA	NA
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16549	45829	116978
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7550	53066	98505
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237	0	0
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842	5380	4607
0	362	0
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956	0	0
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635	2550	2096
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80384	11805	NA
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71556	5967	NA
1245	830	NA
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1154	0	NA
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1794	1009	NA
801	0	NA
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829	595	NA
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83818	10714	2150
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32185	16838	8328
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4905	NA	2116
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2386	NA	912
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2327	NA	740
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45106	45106	36458
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10720	10720	24654
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183	183	0
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0	453
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0	0
0	0
0	509
0	0
0	245
0	1387
0	1842
0	515
0	756
0	450
0	876

2-Butanone
3-Methylpentane
2-Chloroprene
1-Hexene
cis-1,2-Dichloroethene
Diisopropyl ether
Ethyl Acetate
n-Hexane
Chloroform
Tetrahydrofuran
Ethyl Tert-Butyl Ether
Methylcyclopentane
1,2-Dichloroethane
2,4-Dimethylpentane
1,1,1-Trichloroethane
Benzene
Carbon Tetrachloride
Cyclohexane
2-Methylhexane
2,3-Dimethylpentane
Tert Amyl Methyl Ether
3-methylhexane
1,2-Dichloropropane
Ethyl acrylate
Bromodichloromethane
1,4-Dioxane
Trichloroethene
Isooctane
Methyl Methacrylate
Heptane
cis-1,3-Dichloropropene
4-Methy-2-Pentanone
Methylcyclohexane
trans-1,3-Dichloropropene
1,1,2-Trichloroethane
2,3,4-Trimethylpentane
Toluene
2-Methylheptane
2-Hexanone
Dibromochloromethane
3-Methylheptane
1,2-Dibromoethane
Octane
Tetrachloroethene
1,1,1,2-Tetrachloroethane
Chlorobenzene
Ethylbenzene

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1215	1215
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0	0
530	530
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1265	1265
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1191508	1191508
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2537	2537
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3565	3565
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1692	1692
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1934	1934
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11936	11936
2308	2308
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95456	95456
1911	1911

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1483	NA	1395
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2386	NA	0
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11089	NA	9059
3242	NA	397

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261711	NA	NA
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2628	NA	NA
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2823	NA	NA
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1229	NA	NA
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22035	NA	NA
760	NA	NA
9445	NA	NA
71596	NA	NA
823	NA	NA

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201622	NA	NA
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0	NA	NA
0	NA	NA
0	NA	NA
1809	NA	NA
0	NA	NA
0	NA	NA
1769	NA	NA
308	NA	NA

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112864	661782	664193
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1752	0	0
2651	8153	5826
557	1240	1053

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264759	113646	NA
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556	0	NA
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9635	10296	NA
339	424	NA

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NA	0	0
NA	1809	0
NA	0	0
NA	0	0
NA	1769	14651
NA	308	0

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187210	125882	214094
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14651	0	5129
0	0	322

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1004	NA	460

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NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	1809
NA	NA	0
NA	NA	0
NA	NA	1769
NA	NA	308

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225920	225920	186375
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473	473	0
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679	679	0
630	630	0
0	0	0
0	0	0
673	673	0
0	0	0
0	0	0
1266	1266	0
2514	2514	2721
2645	2645	0
3672	3672	0
3001	3001	6508
10449	10449	0

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0	1498
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630311	222345
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10038	766
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0	1163
0	602
0	948
0	1735
8564	0

m-Xylene
p-Xylene
Bromoform
Styrene
Butyl Acrylate
1,1,2,2-Tetrachloroethane
o-Xylene
Nonane
Bromofluorobenzene
Cumene
Chlorotoluenes
n-Propylbenzene
m-Ethyltoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
Tert-Butyl Benzene
1-Ethyl-4-Methyl Benzene
o-Ethyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Decane
Sec-Butyl Benzene
1,2,3-Trimethylbenzene
1,2-Dichlorobenzene
o-Cymene
1,3-Diethylbenzene
1,2-Diethylbenzene
n-Butyl Benzene
Undecane
1,2,4-Trichlorobenzene
Naphthalene
Dodecane
Hexachlorobutadiene

AC AC

AC

AC AC AC

Cell: C24

Comment: Ingrid:

Correction factor for actual calibration standard concentrations

dilution factor

Compound

Internal Standards
d5 chlorobenzene response

Target Compounds
4:2 fluorotelomer alcohol
6:2 fluorotelomer alcohol
8:2 fluorotelomer alcohol

Internal Standards
d5 chlorobenzene

Target Compounds
4:2 fluorotelomer alcohol
6:2 fluorotelomer alcohol
8:2 fluorotelomer alcohol

Associated Blanks

Internal Standards
d5 chlorobenzene response
Target Compounds
4:2 fluorotelomer alcohol
6:2 fluorotelomer alcohol
8:2 fluorotelomer alcohol

*6:2 and 8:2 Fluorotelomer alcohols dropped over time but 4:2 cal standard did not
NA=Not Analyzed
ND=Not Detected

samples
associated blanks

	1		1		1
032219020.D		041219002.D		041219004.D	
Fluorotelomer std		Inst blank		Ambient	
				744	
Response		Response		Response	
	9876701		3430255		4350077
	6665454		0		0
	2802001		0		0
	4544760		0		0
	Conc (ppb)				
	20				
	11.82	N.D.		N.D.	
	11.59	N.D.		N.D.	
	8.88	N.D.		N.D.	

032219020.D		110818012
	43652468	
	N.D.	
	N.D.	
	N.D.	

1	1	1
041219006.D	041219007.D	041219009.D
Ambient dup	System blank	Batch Blank 2
744	BTP1	"N1"
Response	Response	Response
4295150	3571269	3523249
0	0	0
0	0	0
0	0	0
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
110818012	111318010	
43652468	8407705.51	
N.D.	N.D.	
N.D.	N.D.	
N.D.	N.D.	

			1		1
041219011.D		041219013.D		041519002.D	
Trip Blank		Field Blank		Inst blank	
RK8 Trip Blank		"021" FB			
Response		Response		Response	
	3672212		3554009		3495543
	0		1601		
	0		0		
	0		0		
	N.D.		0.01		N.D.
	N.D.		N.D.		N.D.
	N.D.		N.D.		N.D.
	111618004		111618002		
	8968950.453		8845899.44		
N.D.		N.D.			
N.D.		N.D.			
N.D.		N.D.			

	1	1	2.561403509
041519004.D	041519005.D	041519006.D	
fluorotelomer std	batch blank 1	Sample 1	
	"068"	NP1	
Response	Response	Response	
5627414	3751443	4162168	
4958679	0	3442	
381515	0	0	
506011	0	0	
15.43	N.D.	0.025614035	
2.77	N.D.	N.D.	
1.74	N.D.	N.D.	
	111418017		
d			
	8145753.76		
	N.D.	NA	
	N.D.	NA	
	N.D.	NA	

	2.561403509	2.7	2.646017699
041519007.D	041519009.D	041519011.D	
Sample 1dup	Sample 2	Sample 3	
NP1	721	2504	
Response	Response	Response	
	4118915	4310327	4214647
	3468	8952	5536
	0	0	0
	0	0	0
	0.025614035	0.108	0.052920354
N.D.	N.D.	N.D.	
N.D.	N.D.	N.D.	
		110618008	11318008
		5223231.00	30073265.09
NA	N.D.	N.D.	
NA	N.D.	N.D.	
NA	N.D.	N.D.	

	2.622807018		2.622807018		2.614035088
041519013.D		041519015.D		041519017.D	
Sample 4		Sample 5		Sample 6	
A378		262		404	
Response		Response		Response	
	4361686		4319492		4285880
	23819		26878		14590
	0		0		0
	0		0		0
	0.262280702		0.288508772		0.156842105
N.D.		N.D.		N.D.	
N.D.		N.D.		N.D.	
	111318012		111518007		110618010
	22118186.05		8983255.43		4820477.27
N.D.		N.D.		N.D.	
N.D.		N.D.		N.D.	
N.D.		N.D.		N.D.	

	1		1		1
041619002.D		041619004.D		041619005.D	
Inst blank		fluorotelomer std		batch blank 1	
				"068"	
Response		Response		Response	
	3059046		4867593		3120002
	0		3885668		0
	0		280104		0
	0		425963		0
N.D.		13.98		N.D.	
N.D.		2.35		N.D.	
N.D.		1.69		N.D.	
					111418017
					8145753.76
				N.D.	
				N.D.	
				N.D.	

2.637168142	2.637168142	2.601769912
041619006.D	041619007.D	041619009.D
Sample 7	Sample 7dup	Sample 8
751	751	MTC48
Response	Response	Response
4218827	4117760	4077393
40427	43558	7887
0	0	0
0	0	0
0.448318584	0.501061947	0.078053097
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
111418008	111418008	111418010
5970359.45	5970359.45	5650121.40
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

2.669642857	2.584070796	2.561403509
041619011.D	041619013.D	041619015.D
Sample 9	Sample 10	Sample 11
700	2521	651
Response	Response	Response
3882711	3627258	3296947
0	0	0
0	0	0
0	0	0
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
111418021	111318014	
8009182.78	24685050.31	
N.D.	N.D.	NA
N.D.	N.D.	NA
N.D.	N.D.	NA

	2.693693694		
041619017.D		041719002.D	041719004.D
Sample 12		Inst blank	fluorotelomer std
793			
Response		Response	Response
	3402995	2811538	4157593
	0	0	2904280
	0	0	146273
	0	0	228455
N.D.		N.D.	12.24
N.D.		N.D.	1.44
N.D.		N.D.	1.06
	111518010		
	8407705.51		
N.D.			
N.D.			
N.D.			

		2.622807018	2.622807018
041719005.D	041719006.D	041719007.D	
batch blank 1	Sample 13	Sample 13dup	
"068"	RK9	RK9	
Response	Response	Response	
3045674	3121062	3169959	
0	0	3553	
0	0	0	
0	0	0	
N.D.	N.D.	0.05245614	
N.D.	N.D.	N.D.	
N.D.	N.D.	N.D.	
111418017	30718004	30718004	
8145753.76	4131014.23	4131014.23	
N.D.	N.D.	N.D.	
N.D.	N.D.	N.D.	
N.D.	N.D.	N.D.	

	2.565217391	2.7	2.865384615
041719009.D	041719011.D	041719013.D	
Sample 14	Sample 15	Sample 16	
253	723	321	
Response	Response	Response	
	3353403	3275290	3635786
	3956	0	0
	0	0	0
	0	0	0
	0.051304348	N.D.	N.D.
N.D.	N.D.	N.D.	N.D.
N.D.	N.D.	N.D.	N.D.
	111418012	111318001	30719007
	5481788.93	22118186.05	4359488.00
N.D.	N.D.	N.D.	N.D.
N.D.	N.D.	N.D.	N.D.
N.D.	N.D.	N.D.	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\Mar\032219\
Data File : 032219020.D
Acq On : 23 Mar 2019 4:00 am
Operator :
Sample : FTOH Cal
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 26 18:28:04 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 23 11:11:55 2019

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
d5 chlorobenzene	18.39	117	9876701	20	ppbv	0
Target Compounds						Qvalue
4:2 fluorotelomer	13.326	69	6665454	11.82	ppbv	100
6:2 fluorotelomer	17.447	69	2802001	11.59	ppbv	100
8:2 fluorotelomer	21.295	95	4544760	8.88	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219002.D
Acq On : 12 Apr 2019 2:05 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 10:35:55 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 23 10:36:52 2019

QIon	Respons	Conc	Units
117	3430255	20	ppbv
		0	N.D.
		0	N.D.
		0	N.D. d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219004.D
Acq On : 12 Apr 2019 4:02 pm
Operator :
Sample : Ambient
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 16:53:50 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	117	4350077
Target Compounds		
4:2 fluorotelomer		0
6:2 fluorotelomer		0
8:2 fluorotelomer		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 16 16:06:14 2019

Response	Conc	Units
--	--------	----
	20	ppbv
	N.D.	
	N.D.	
	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219006.D
Acq On : 12 Apr 2019 6:00 pm
Operator :
Sample : Ambient dup
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 16:12:02 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	117	4295150
Target Compounds		
4:2 fluorotelomer		0
6:2 fluorotelomer		0
8:2 fluorotelomer		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Wed May 22 16:28:16 2019

Response	Conc	Units
--	--------	----
	20	ppbv
	N.D.	
	N.D.	
	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219007.D
Acq On : 12 Apr 2019 6:59 pm
Operator :
Sample : System blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:35:53 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	117	3571269
Target Compounds		
4:2 fluorotelomer		0
6:2 fluorotelomer		0
8:2 fluorotelomer		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 16 16:13:55 2019

Response	Conc	Units
--	--------	----
	20	ppbv
	N.D.	
	N.D.	
	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219009.D
Acq On : 12 Apr 2019 8:57 pm
Operator :
Sample : Batch Blank 2
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:46:21 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	117	3523249
Target Compounds		
4:2 fluorotelomer		0
6:2 fluorotelomer		0
8:2 fluorotelomer		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 16 16:17:07 2019

Response	Conc	Units
--	--------	----
	20	ppbv
	N.D.	
	N.D.	
	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219011.D
Acq On : 12 Apr 2019 10:56 pm
Operator :
Sample : Trip Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:59:30 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	117	3672212
Target Compounds		
4:2 fluorotelomer		0
6:2 fluorotelomer		0
8:2 fluorotelomer		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 16 16:19:29 2019

Response	Conc	Units
--	--------	----
	20	ppbv
	N.D.	
	N.D.	
	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041219\
Data File : 041219013.D
Acq On : 13 Apr 2019 12:53 am
Operator :
Sample : Field Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 14:54:15 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	13.373
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Thu May 16 16:21:54 2019

QIon	Response	Conc	Units	
				Inte
117	3554009	20	ppbv	1)
				Targ
69	1601	0.01	ppbv	2)
	0	N.D.		3)
	0	N.D.	d	4)

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519002.D
Acq On : 15 Apr 2019 7:00 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 16:27:00 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.4
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Wed May 22 14:09:31 2019

QIon	Response	Conc	Units	
				Inte
117	3495543	20	ppbv	1)
				Targ
	0	N.D.		2)
	0	N.D.		3)
	0	N.D.	d	4)

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519004.D
Acq On : 15 Apr 2019 8:56 pm
Operator :
Sample : fluorotelomer std
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 14:17:08 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)		R.T.
Internal Standards								
1) d5 chlorobenzene	18.381	117	5627414	20.00	ppbv	0.00		18.381
Target Compounds							Qvalue	
2) 4:2 fluorotelomer alcohol	13.344	69	4958679	15.43	ppbv		94	13.344
3) 6:2 fluorotelomer alcohol	17.474	69	381515	2.77	ppbv		98	17.474
4) 8:2 fluorotelomer alcohol	21.288	95	506011m	1.74	ppbv			21.183

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Wed May 22 18:15:18 2019

QIon	Response	Conc	Units
117	5627414	20	ppbv
69	4958679	15.43	ppbv
69	381515	2.77	ppbv
95	4284268	14.69	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519005.D
Acq On : 15 Apr 2019 9:54 pm
Operator :
Sample : batch blank 1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 13:28:32 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.396
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 13:55:38 2019

QIon	Response	Conc	Units
117	3751443	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519006.D
Acq On : 15 Apr 2019 10:53 pm
Operator :
Sample : Sample 1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 13:55:17 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	13.373
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:00:26 2019

QIon	Response	Conc	Units
117	4162168	20	ppbv
69	3442	0.01	ppbv
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519007.D
Acq On : 15 Apr 2019 11:51 pm
Operator :
Sample : Sample 1dup
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 13:56:29 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.395
Target Compounds	
4:2 fluorotelomer	13.361
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:01:46 2019

QIon	Response	Conc	Units
117	4118915	20	ppbv
69	3468	0.01	ppbv
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519009.D
Acq On : 16 Apr 2019 1:48 am
Operator :
Sample : Sample 2
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 14:37:56 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.391
Target Compounds	
4:2 fluorotelomer	13.373
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:04:58 2019

QIon	Response	Conc	Units	Dev(Min)
117	4310327	20	ppbv	
69	8952	0.04	ppbv	
	0	N.D.	d	
	0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519011.D
Acq On : 16 Apr 2019 3:45 am
Operator :
Sample : Sample 3
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 14:40:53 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	13.361
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:07:30 2019

QIon	Response	Conc	Units	Dev(Min)
117	4214647	20	ppbv	
69	5536	0.02	ppbv	
	0	N.D.	d	
	0	N.D.	d	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519013.D
Acq On : 16 Apr 2019 5:41 am
Operator :
Sample : Sample 4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 14:41:49 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.392
Target Compounds	
4:2 fluorotelomer	13.349
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:09:02 2019

QIon	Response	Conc	Units
117	4361686	20	ppbv
69	23819	0.1	ppbv
	0	N.D.	d
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519015.D
Acq On : 16 Apr 2019 7:41 am
Operator :
Sample : Sample 5
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 23 14:44:07 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.394
Target Compounds	
4:2 fluorotelomer	13.361
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:16:07 2019

QIon	Response	Conc	Units
117	4319492	20	ppbv
69	26878	0.11	ppbv
	0	N.D.	d
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041519\
Data File : 041519017.D
Acq On : 16 Apr 2019 9:49 am
Operator :
Sample : Sample 6
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 09:56:11 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.39
Target Compounds	
4:2 fluorotelomer	13.361
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:17:53 2019

QIon	Response	Conc	Units
117	4285880	20	ppbv
69	14590	0.06	ppbv
	0	N.D.	d
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619002.D
Acq On : 16 Apr 2019 6:58 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 17 14:26:33 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.401
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Wed May 22 14:26:39 2019

QIon	Response	Conc	Units
117	3059046	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619004.D
Acq On : 16 Apr 2019 8:56 pm
Operator :
Sample : fluorotelomer std
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 17 14:28:57 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.389
Target Compounds	
4:2 fluorotelomer	13.326
6:2 fluorotelomer	17.486
8:2 fluorotelomer	21.339

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:29:51 2019

QIon	Response	Conc	Units
117	4867593	20	ppbv
69	3885668	13.98	ppbv
69	280104	2.35	ppbv
95	425963	1.69	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619005.D
Acq On : 16 Apr 2019 9:57 pm
Operator :
Sample : batch blank 1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 10:48:18 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.399
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:31:16 2019

QIon	Response	Conc	Units	
117	3120002	20	ppbv	
	0	N.D.		
	0	N.D.		
	0	N.D.		d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619006.D
Acq On : 16 Apr 2019 11:02 pm
Operator :
Sample : Sample 7
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 11:12:21 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.392
Target Compounds	
4:2 fluorotelomer	13.359
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:32:56 2019

QIon	Response	Conc	Units
117	4218827	20	ppbv
69	40427	0.17	ppbv
	0	N.D.	d
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619007.D
Acq On : 17 Apr 2019 12:08 am
Operator :
Sample : Sample 7dup
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 11:05:21 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.392
Target Compounds	
4:2 fluorotelomer	13.357
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:37:35 2019

QIon	Response	Conc	Units
117	4117760	20	ppbv
69	43558	0.19	ppbv
	0	N.D.	d
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619009.D
Acq On : 17 Apr 2019 2:15 am
Operator :
Sample : Sample 8
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 11:06:33 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.392
Target Compounds	
4:2 fluorotelomer	13.361
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:39:55 2019

QIon	Response	Conc	Units
117	4077393	20	ppbv
69	7887	0.03	ppbv
	0	N.D.	d
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619011.D
Acq On : 17 Apr 2019 4:14 am
Operator :
Sample : Sample 9
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 16:46:47 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.393
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:41:23 2019

QIon	Response	Conc	Units
117	3882711	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619013.D
Acq On : 17 Apr 2019 6:14 am
Operator :
Sample : Sample 10
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 17:41:07 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.398
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:43:03 2019

QIon	Response	Conc	Units
117	3627258	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619015.D
Acq On : 17 Apr 2019 8:15 am
Operator :
Sample : Sample 11
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 10:23:42 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	Compound
Internal Standards	
d5 chlorobenzene	18.401
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:45:31 2019

R.T.	QIon	Response	Conc	Units
117	3296947		20	ppbv
		0	N.D.	
		0	N.D.	
		0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041619\
Data File : 041619017.D
Acq On : 17 Apr 2019 10:16 am
Operator :
Sample : Sample 12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 10:42:01 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:46:50 2019

QIon	Response	Conc	Units
117	3402995		20
		0	N.D.
		0	N.D.
		0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719002.D
Acq On : 17 Apr 2019 4:36 pm
Operator :
Sample : Inst blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 10:52:14 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.404
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:51:21 2019

QIon	Response	Conc	Units
117	2811538	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719004.D
Acq On : 17 Apr 2019 6:34 pm
Operator :
Sample : fluorotelomer std
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 17 14:54:53 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.399
Target Compounds	
4:2 fluorotelomer	13.334
6:2 fluorotelomer	17.498
8:2 fluorotelomer	21.368

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Fri May 17 14:55:22 2019

QIon	Response		
117	4157593	20	ppbv
69	2904280	12.24	ppbv
69	146273	1.44	ppbv
95	228455	1.06	ppbv

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719005.D
Acq On : 17 Apr 2019 7:33 pm
Operator :
Sample : batch blank 1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 11:02:22 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Mon May 20 10:28:28 2019

QIon	Respons	Conc	Units
117	3045674	20	ppbv
		0	N.D.
		0	N.D. d
		0	N.D. d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719006.D
Acq On : 17 Apr 2019 8:33 pm
Operator :
Sample : Sample 13
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 20 10:32:27 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.394
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Wed May 22 15:12:55 2019

QIon	Response	Conc	Units
117	3121062	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719007.D
Acq On : 17 Apr 2019 9:32 pm
Operator :
Sample : Sample 13dup
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 15:20:03 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.394
Target Compounds	
4:2 fluorotelomer	13.349
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Mon May 20 10:59:51 2019

QIon	Response	Conc	Units	Compound
				Internal Standards
117	3169959	20	ppbv	d5 chlorobenzene
				Target Compounds
69	3553	0.02	ppbv	4:2 fluorotelomer
	0	N.D.		6:2 fluorotelomer
	0	N.D.	d	8:2 fluorotelomer

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719009.D
Acq On : 17 Apr 2019 11:32 pm
Operator :
Sample : Sample 14
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 29 10:13:25 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

R.T.	QIon
18.398	117
13.374	69
0	
0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Mon May 20 11:04:16 2019

Response	Conc	Units
3353403	20	ppbv
3956	0.02	ppbv
0	N.D.	
0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719011.D
Acq On : 18 Apr 2019 1:30 am
Operator :
Sample : Sample 15
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 15:26:21 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.398
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Mon May 20 11:06:50 2019

QIon	Response	Conc	Units
117	3275290	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2019\April\041719\
Data File : 041719013.D
Acq On : 18 Apr 2019 3:31 am
Operator :
Sample : Sample 16
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 30 16:23:59 2019
Quant Method : C:\msdchem\1\methods\Agilent PFAS fluorotelomers March 26,2019.m
Quant Title : Agilent fluorotelomer alcohols
QLast Update : Tue Mar 26 17:19:09 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	18.397
Target Compounds	
4:2 fluorotelomer	0
6:2 fluorotelomer	0
8:2 fluorotelomer	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Agilent PFA...ch 26,2019.m Mon May 20 11:09:13 2019

QIon	Response	Conc	Units
117	3635786	20	ppbv
	0	N.D.	
	0	N.D.	
	0	N.D.	d

Batch blank 1

can 68 Data File Name 111418017.D

Name	Ret Time	Amount	Units	Target Response	Q1 Signal
d5 chlorobenzene	18.37	20.00	ppbv	8145753.755	82.05
4:2 fluorotelomer alcohol	0.00	0.00	ppbv	0	95
6:2 fluorotelomer alcohol	0.00	0.00	ppbv	0	95.1
8:2 fluorotelomer alcohol	0.00	0.00	ppbv	0	69.1

Ambient

c an 744 Data File Name 110818012.D

Name	Ret Time	Amount	Units	Target Response	Q1 Signal
d5 chlorobenzene	18.36	20.00	ppbv	43652468.41	82.05
4:2 fluorotelomer alcohol	0.00	0.00	ppbv	0	95
6:2 fluorotelomer alcohol	0.00	0.00	ppbv	0	95.1
8:2 fluorotelomer alcohol	0.00	0.00	ppbv	0	69.1

Sample 2 blank
Can 721 Data File Name 110618008

Name	Ret Time	Amount	Units	Target Response	Q1 Signal
d5 chlorobenzene	18.37	20	ppbv	5223231	82.05
4:2 fluorotelomer alcohol	0	0	ppbv	0	95
6:2 fluorotelomer alcohol	0	0	ppbv	0	95.1
8:2 fluorotelomer alcohol	0	0	ppbv	0	69.1

System Blank
can BTP1 Data File Name 111318010.D

Name	Ret Time	Amount	Units	Target Response	Q1 Signal
d5 chlorobenzene	18.36	20	ppbv	31473784.98	82.05
4:2 fluorotelomer alcohol	0	0	ppbv	0	95
6:2 fluorotelomer alcohol	0	0	ppbv	0	95.1
8:2 fluorotelomer alcohol	0	0	ppbv	0	69.1

Sample 3 blank
can 2504 Data File Name 111318008.D

Name	Ret Time	Amount	Units	Target Response
d5 chlorobenzene	18.37	20.00	ppbv	30073265.09
4:2 fluorotelomer alcohol	0.00	0.00	ppbv	0
6:2 fluorotelomer alcohol	0.00	0.00	ppbv	0
8:2 fluorotelomer alcohol	0.00	0.00	ppbv	0

Trip Blank
can RK8 Data File Name 111618004.D

Name	Ret Time	Amount	Units	Target Response
d5 chlorobenzene	18.37	20.00	ppbv	8968950.453
4:2 fluorotelomer alcohol	0.00	0.00	ppbv	0
6:2 fluorotelomer alcohol	0.00	0.00	ppbv	0
8:2 fluorotelomer alcohol	0.00	0.00	ppbv	0

Sample 4 blk
A378 Data File Name 111318012.D

Q1 Signal	Name	Ret Time	Amount	Units
82.05	d5 chlorobenzene	18.36	20.00	ppbv
95	4:2 fluorotelomer alcohol	0.00	0.00	ppbv
95.1	6:2 fluorotelomer alcohol	17.35	0.07	ppbv
69.1	8:2 fluorotelomer alcohol	0.00	0.00	ppbv

Field Blank
can 021 Data File Name 111618002.D

Q1 Signal	Name	Ret Time	Amount	Units
82.05	d5 chlorobenzene	18.37	20.00	ppbv
95	4:2 fluorotelomer alcohol	0.00	0.00	ppbv
95.1	6:2 fluorotelomer alcohol	0.00	0.00	ppbv
69.1	8:2 fluorotelomer alcohol	0.00	0.00	ppbv

s5 blank
can 262

Data File Name 111518007.D

Target Response	Q1 Signal	Name	Ret Time	Amount	Units
27939659.02	82.05	d5 chlorobenzene	18.37	20.00	ppbv
0	95	4:2 fluorotelomer alcohol	0.00	0.00	ppbv
46622.335	95.1	6:2 fluorotelomer alcohol	0.00	0.00	ppbv
0	69.1	8:2 fluorotelomer alcohol	0.00	0.00	ppbv

Target Response	Q1 Signal
8845899.435	82.05
0	95
0	95.1
0	69.1

s6 blank
can 404

Data File Name 110618010.D

Target Response	Q1 Signal	Name	Ret Time	Amount	Units
8983255.425	82.05	d5 chlorobenzene	18.37	20	ppbv
0	95	4:2 fluorotelomer alcohol	0	0	ppbv
0	95.1	6:2 fluorotelomer alcohol	0	0	ppbv
0	69.1	8:2 fluorotelomer alcohol	0	0	ppbv

s7 blank
can 751

Data File Name 111418008.D

Target Response	Q1 Signal	Name	Ret Time	Amount	Units
4820477.265	82.05	d5 chlorobenzene	18.35	20.00	ppbv
0	95	4:2 fluorotelomer alcohol	0.00	0.00	ppbv
0	95.1	6:2 fluorotelomer alcohol	0.00	0.00	ppbv
0	69.1	8:2 fluorotelomer alcohol	0.00	0.00	ppbv

s8 blank
can MTC48 Data File Name

Target Response	Q1 Signal	Name	Ret Time	Amount
5970359.446	82.05	d5 chlorobenzene	18.36	20.00
0	95	4:2 fluorotelomer alcohol	0.00	0.00
0	95.1	6:2 fluorotelomer alcohol	0.00	0.00
0	69.1	8:2 fluorotelomer alcohol	0.00	0.00

s9 blank

111418010.D

can 700

Units	Target Response	Q1 Signal	Name	Ret Time
ppbv	5650121.4	82.05	d5 chlorobenzene	18.37
ppbv	0	95	4:2 fluorotelomer alcohol	0.00
ppbv	0	95.1	6:2 fluorotelomer alcohol	0.00
ppbv	0	69.1	8:2 fluorotelomer alcohol	0.00

S10 blank

Data File Name 111418021.D

can 2521

Amount	Units	Target Response	Q1 Signal	Name	Ret Time
20.00	ppbv	8009182.78	82.05	d5 chlorobenzene	18.36
0.00	ppbv	0	95	4:2 fluorotelomer alcohol	0.00
0.00	ppbv	0	95.1	6:2 fluorotelomer alcohol	0.00
0.00	ppbv	0	69.1	8:2 fluorotelomer alcohol	0.00

S12 blank

Data File Name 111318014.D

can 793

Amount	Units	Target Response	Q1 Signal	Name	Ret Time
20.00	ppbv	24685050.31	82.05	d5 chlorobenzene	18.38
0.00	ppbv	0	95	4:2 fluorotelomer alcohol	0.00
0.00	ppbv	0	95.1	6:2 fluorotelomer alcohol	0.00
0.00	ppbv	0	69.1	8:2 fluorotelomer alcohol	0.00

S13 blank

Data File Name 111518010.D

can RK9

Amount	Units	Target Response	Q1 Signal	Name	Ret Time
20.00	ppbv	8407705.51	82.05	d5 chlorobenzene	18.39
0.00	ppbv	0	95	4:2 fluorotelomer alcohol	0.00
0.00	ppbv	0	95.1	6:2 fluorotelomer alcohol	0.00
0.00	ppbv	0	69.1	8:2 fluorotelomer alcohol	0.00

Sample 14 blk

Data File Name 030719004.D

can 253

Amount	Units	Target Response	Q1 Signal	Name
20.00	ppbv	4131014.228	82.05	d5 chlorobenzene
0.00	ppbv	0	95	4:2 fluorotelomer alcohol
0.00	ppbv	0	95.1	6:2 fluorotelomer alcohol
0.00	ppbv	0	69.1	8:2 fluorotelomer alcohol

Sample 15

Data File Name 111418012.D

can 723

Ret Time	Amount	Units	Target Response	Q1 Signal	Name
18.35	20.00	ppbv	5481788.931	82.05	d5 chlorobenzene
0.00	0.00	ppbv	0	95	4:2 fluorotelomer alcohol
0.00	0.00	ppbv	0	95.1	6:2 fluorotelomer alcohol
0.00	0.00	ppbv	0	69.1	8:2 fluorotelomer alcohol

Sample 16

Data File Name 111318001.D

can 321

Ret Time	Amount	Units	Target Response	Q1 Signal	Name
18.36	20.00	ppbv	22118186.05	82.05	d5 chlorobenzene
0.00	0.00	ppbv	0	95	4:2 fluorotelomer alcohol
0.00	0.00	ppbv	0	95.1	6:2 fluorotelomer alcohol
0.00	0.00	ppbv	0	69.1	8:2 fluorotelomer alcohol

Data File Name 030719007.D

Ret Time	Amount	Units	Target Response	Signal
18.39	20	ppbv	4359488	117
0	0	ppbv	0	69.1
0	0	ppbv	0	69.1
0	0	ppbv	0	95.1

PFAS Can dilutions

DF=dilution factor
P=pressure
DC=daily cal
LB= lab blank
REP=replicate analysis

File Name	Sample name
041219003.D	1 ppb
041219004.D	Ambient
041219006.D	Ambient dup
041219007.D	System blank
041219009.D	Batch Blank 2
041219011.D	Trip Blank
041219013.D	Field Blank
041519002.D	Inst blank
041519003.D	1 ppb
041519005.D	batch blank 1
041519006.D	Sample 1
041519007.D	Sample 1dup
041519009.D	Sample 2
041519011.D	Sample 3
041519013.D	Sample 4
041519015.D	Sample 5
041519017.D	Sample 6
041619002.D	Inst blank
041619003.D	1 ppb
041619005.D	batch blank 1
041619006.D	Sample 7
041619007.D	Sample 7dup
041619009.D	Sample 8
041619011.D	Sample 9
041619013.D	Sample 10
041619015.D	Sample 11
041619017.D	Sample 12
041719002.D	Inst blank
041719003.D	1 ppb
041719005.D	batch blank 1
041719006.D	Sample 13
041719007.D	Sample 13dup
041719009.D	Sample 14
041719011.D	Sample 15
041719013.D	Sample 16

Can ID	Pi psia	Pf psia	Can Dilution	Analysis DF	QC samples
			1	1	DC
744	8.8	29	3.295454545	3.295454545	
744	8.8	29	3.295454545	3.295454545	REP
BTP1	8.9	29.9	3.359550562	3.359550562	
"N1"			1	1	LB
RK8 Trip Blank	0.1	29.8	298	1	
"021" FB	0.5	29.7	59.4	1	
			1	1	
			1	1	DC
"068"			1	1	LB
NP1	11.4	29.2	2.561403509	2.561403509	
NP1	11.4	29.2	2.561403509	2.561403509	REP
721	11	29.7	2.7	2.7	
2504	11.3	29.9	2.646017699	2.646017699	
A378	11.4	29.7	2.605263158	2.605263158	
262	11.4	29.9	2.622807018	2.622807018	
404	11.4	29.8	2.614035088	2.614035088	
			1	1	
			1	1	DC
"068"			1	1	LB
751	11.3	29.8	2.637168142	2.637168142	
751	11.3	29.8	2.637168142	2.637168142	REP
MTC48	11.3	29.4	2.601769912	2.601769912	
700	11.2	29.9	2.669642857	2.669642857	
2521	11.3	29.2	2.584070796	2.584070796	
651	11.4	29.2	2.561403509	2.561403509	
793	11.1	29.9	2.693693694	2.693693694	
			1	1	
			1	1	DC
"068"			1	1	LB
RK9	11.4	29.9	2.622807018	2.622807018	
RK9	11.4	29.9	2.622807018	2.622807018	REP
253	11.5	29.5	2.565217391	2.565217391	
723	11	29.7	2.7	2.7	
321	10.4	29.8	2.865384615	2.865384615	

	Compound
	Internal Standards
1)	Bromochloromethane
62)	1,4-Difluorobenzene
89)	Chlorobenzene-d5
	Target Compounds
2]	Propylene
3]	Propane
4]	Dichlorodifluoromethane
5]	Chloromethane
6]	Isobutane
7]	Dichlorotetrafluoroethane
8]	Vinyl Chloride
9]	1-Butene
10]	1,3-Butadiene
11]	Butane
12)	trans-2-butene
13]	Bromomethane
14]	cis-2-butene
15]	Chloroethane
16]	Ethanol
17]	Vinyl Bromide
18]	Acetonitrile
19]	Acrolein
20]	Acetone
21]	iso-Pentane
22]	Trichlorofluoromethane
23]	Isopropyl Alcohol
24]	1-Pentene
25]	Acrylonitrile
26]	n-Pentane
27]	Isoprene
28]	trans-2-pentene
29]	cis-2-pentene
30]	Tert-Butanol
31]	1,1-Dichloroethene
32]	Methylene Chloride
33]	3-Chloro-1-Propene
34]	1,1,2-Trichloro-1,2,2-...
35]	Carbon Disulfide
36]	2,2-Dimethylbutane
37]	trans-1,2-Dichloroethene
38]	Cyclopentane
39]	2,3-Dimethylbutane
40]	1,1-Dichloroethane

41] Methyl-t-Butyl-Ether
42] Vinyl Acetate
43] 2-Methylpentane
44] 2-Butanone
45] 3-Methylpentane
46] 2-Chloroprene
47] 1-Hexene
48] cis-1,2-Dichloroethene
49] Diisopropyl ether
50] Ethyl Acetate
51] n-Hexane
52] Chloroform
53] Tetrahydrofuran
54] Ethyl Tert-Butyl Ether
55] Methylcyclopentane
56] 1,2-Dichloroethane
57] 2,4-Dimethylpentane
58] 1,1,1-Trichloroethane
59] Benzene
60] Carbon Tetrachloride
61] Cyclohexane
63] 2-Methylhexane
64] 2,3-Dimethylpentane
65] Tert Amyl Methyl Ether
66] 3-methylhexane
67] 1,2-Dichloropropane
68] Ethyl acrylate
69] Bromodichloromethane
70] 1,4-Dioxane
71] Trichloroethene
72] Isooctane
73] Methyl Methacrylate
74] Heptane
75] cis-1,3-Dichloropropene
76] 4-Methy-2-Pentanone
77] Methylcyclohexane
78] trans-1,3-Dichloropropene
79] 1,1,2-Trichloroethane
80] 2,3,4-Trimethylpentane
81] Toluene
82] 2-Methylheptane
83] 2-Hexanone
84] Dibromochloromethane
85] 3-Methylheptane
86] 1,2-Dibromoethane
87] Octane
88] Tetrachloroethene

90]	1,1,1,2-Tetrachloroethane
91]	Chlorobenzene
92]	Ethylbenzene
93]	m-Xylene
94]	p-Xylene
95]	Bromoform
96]	Styrene
97]	Butyl Acrylate
98]	1,1,2,2-Tetrachloroethane
99]	o-Xylene
100]	Nonane
101]	Bromofluorobenzene
102]	Cumene
103]	Chlorotoluenes
104]	n-Propylbenzene
105]	m-Ethyltoluene
106]	1,3,5-Trimethylbenzene
107]	1,2,4-Trimethylbenzene
108]	Tert-Butyl Benzene
109]	1-Ethyl-4-Methyl Benzene
110]	o-Ethyltoluene
111]	1,3-Dichlorobenzene
112]	1,4-Dichlorobenzene
113]	n-Decane
114]	Sec-Butyl Benzene
115]	1,2,3-Trimethylbenzene
116]	1,2-Dichlorobenzene
117]	o-Cymene
118]	1,3-Diethylbenzene
119]	1,2-Diethylbenzene
120]	n-Butyl Benzene
121]	Undecane
122]	1,2,4-Trichlorobenzene
123]	Naphthalene
124]	Dodecane
125]	Hexachlorobutadiene

(#) = qualifier out of range (m) = manual integration (+) = signals summed

TOP_021319cal.M Wed May 22 13:56:38 2019

Daily cals

Nom conc	Nom conc
041219003.D	041519003.D
1 ppb	1 ppb
1.691935179	1.080672815
2.271333511	1.21660161
1.542208343	1.154032259
1.472336673	1.115528376
1.562217492	1.23150956
1.231421415	1.155518325
1.121004297	1.077132549
1.334186	1.187313109
1.148624368	1.079085287
1.170297924	1.130148533
1.15248854	1.113362842
1.09063388	1.069268822
1.165256912	1.100454101
1.093750668	1.086439601
1.226433975	1.040253407
1.113264641	1.076575305
1.234151046	1.17361034
1.069584316	1.015462772
3.991751462	1.558162412
1.200458353	1.108806131
0.974826708	1.07093238
3.418140981	2.09109855
1.155845864	1.098987674
1.057909103	1.09733734

Nom conc	Nom conc
041619003.D	041719003.D
1 ppb	1 ppb
0.941883466	0.927186469
1.069422728	0.997653937
1.063737547	1.067883283
1.005337935	0.969847526
1.166642471	1.144401593
1.14205523	1.111955704
1.059172674	1.029528258
1.095094058	1.087543873
1.049963712	1.025092772
1.115448214	1.032793614
1.070367743	1.046966964
1.085876549	1.051126006
1.054545232	1.042188313
1.074229185	1.057571156
1.093627574	1.039830161
1.054247564	1.01644681
1.170155767	1.114697105
0.98529711	0.954390582
1.363491207	1.289606309
1.093805524	1.072990051
1.092132374	1.073536086
2.360186278	2.278381664
1.096084171	1.072283735
1.072131909	1.048556362

%D	%D	%D
041219003.D	041519003.D	041619003.D
1 ppb	1 ppb	1 ppb

NEED TO UPDATE CALIBRATION

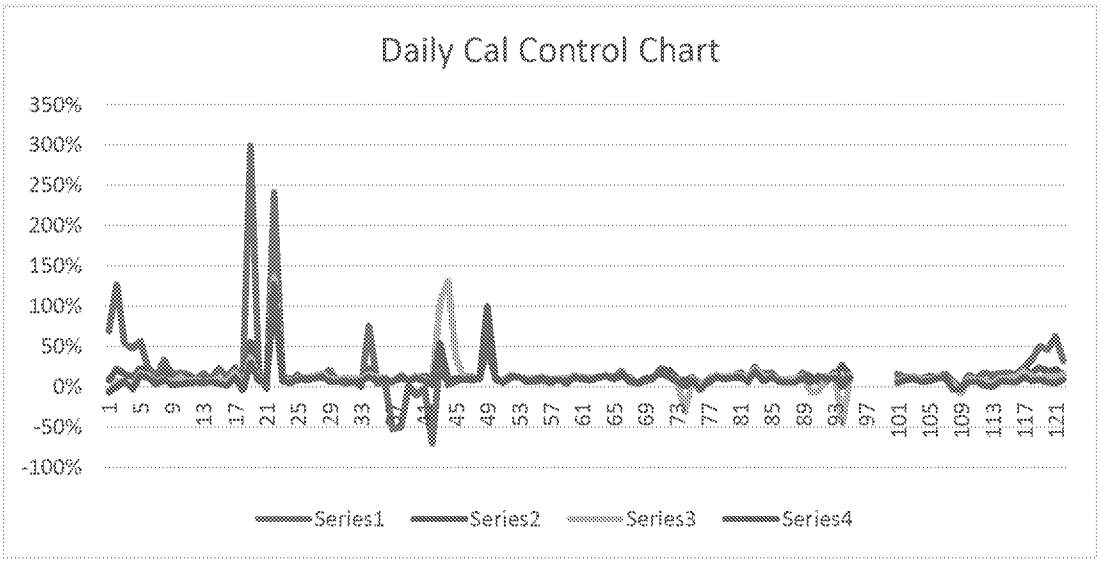
Shaded is > 30% D	Shaded is > 30% D	Shaded is > 30% D
69%	8%	-6%
127%	22%	7%
54%	15%	6%
47%	12%	1%
56%	23%	17%
23%	16%	14%
12%	8%	6%
33%	19%	10%
15%	8%	5%
17%	13%	12%
15%	11%	7%
9%	7%	9%
17%	10%	5%
9%	9%	7%
23%	4%	9%
11%	8%	5%
23%	17%	17%
7%	2%	-1%
299%	56%	36%
20%	11%	9%
-3%	7%	9%
242%	109%	136%
16%	10%	10%
6%	10%	7%

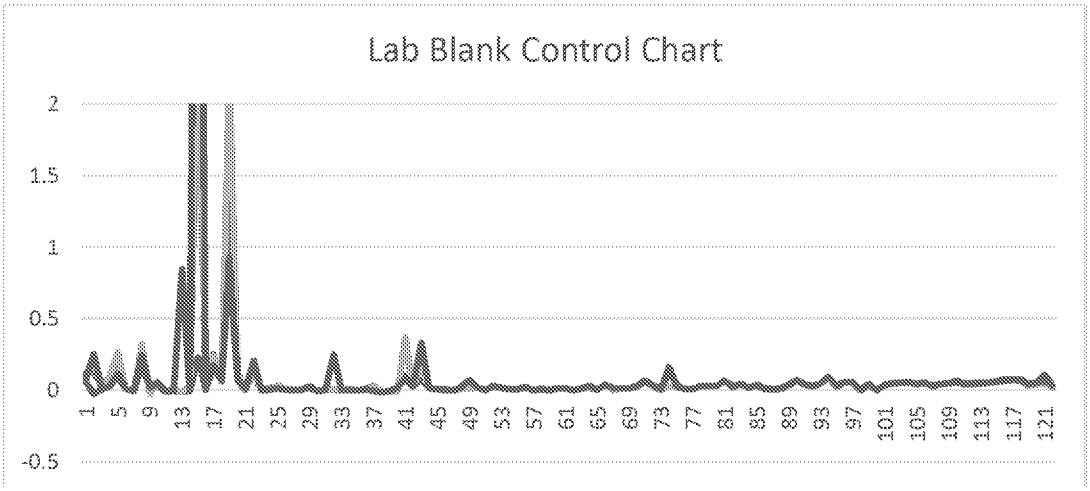
%D	Nom conc
041719003.D	041219009.D
1 ppb	Batch Blank 2

Shaded is > 30% D

-7%	0.115318699
0%	0.128868258
7%	0.02747205
-3%	0.079225302
14%	0.237009145
11%	0.009132701
3%	-0.004955824
9%	0.204464769
3%	0.014724939
3%	0.059298824
5%	-0.008977423
5%	0.002321449
4%	-0.011387716
6%	0.0250073
4%	2.408530113
2%	0.005165906
11%	0.249351526
-5%	0.062122304
29%	1.612627744
7%	0.091124336
7%	0.013983839
128%	0.106193222
7%	0.001509455
5%	0.010631097

Nom conc	Nom conc	Nom conc
041519005.D	041619005.D	041719005.D
batch blank 1	batch blank 1	batch blank 1
0.054781226	0.093222124	0.081565806
-0.026475692	0.209004791	0.24745994
0.006386644	0.022029381	0.007333977
0.044022297	0.101796007	0.026466281
0.095767222	0.266103652	0.11523679
0.009132701	0.009132701	0.009132701
-0.004955824	-0.004955824	-0.004955824
0.178286375	0.320385506	0.247074391
0.010606092	-0.027191217	0.018027536
0.032234977	0.060576291	0.046640952
-0.008977423	-0.008977423	-0.008977423
-0.004583149	0.004250192	-0.004583149
-0.011387716	-0.011387716	0.845421254
-0.003425676	0.029289425	-0.003425676
0.228245232	2.78368843	7.258952511
0.005673558	0.007519937	0.005860032
0.154339858	0.234372643	0.172022914
0.075168406	0.075414271	0.067834315
0.868516657	2.24579862	0.929686266
0.06320071	0.121451205	0.06831896
0.004877181	0.013739149	0.004868801
0.133033384	0.11145487	0.204672557
0.006992246	-0.003241261	-0.001146836
0.002603806	0.002603806	0.002603806


Daily Cal Control Chart
350%
300%
250%
200%
150%
100%
50%
0%
-50%
-100%
1 5 9 13 17 21 25 29 33 37 41 45 49 53 57 61 65 69 73 77 81 85 89 93 97 101 105 109 113 117 121
Series1
Series2
Series3
Series4


Lab Blank Control Chart
2
1.5
1
0.5
0
-0.5
1 5 9 13 17 21 25 29 33 37 41 45 49 53 57 61 65 69 73 77 81 85 89 93 97 101 105 109 113 117 121

REPLICATE ANALYSIS (QA within 25%)

Nom conc	Nom conc	
041219004.D	041219006.D	
Ambient	Ambient dup	
		HIGHLIGHTED OUTSIDE 25%
2.52729638	2.044087211	21%
21.00710586	14.75257792	35%
0.134271592	0.117088234	14%
0.232284811	0.188376261	21%
0.373497884	0.309609641	19%
0.019406756	0.018889441	3%
-0.007332403	-0.007332403	0%
0.352297204	0.25019561	34%
0.037334812	0.040042966	-7%
0.137241194	0.172495769	-23%
-0.010352205	-0.010352205	0%
-0.003559412	-0.003559412	0%
-0.008067357	-0.008067357	0%
-0.007728195	-0.007728195	0%
2295.996959	1796.82107	24%
0.003349045	0.003554875	-6%
0.104748578	0.130956742	-22%
0.180791192	0.16623141	8%
3.029789174	2.937088556	3%
0.309236365	0.291581794	6%
0.091117568	0.095748366	-5%
3.461532094	2.676462405	26%
0.053277457	0.023970343	76%
0.020612974	0.019567516	5%

Nom conc	Nom conc	
041519006.D	041519007.D	
Sample 1	Sample 1dup	
2.74075081	2.869232133	-5%
20.81323158	22.44102629	-8%
0.158219509	0.15168006	4%
0.242972038	0.26594451	-9%
0.503147839	0.551991635	-9%
0.016244772	0.016244772	0%
-0.007332403	-0.007332403	0%
0.167005621	0.214237621	-25%
0.037118561	0.048312646	-26%
0.298789187	0.262635794	13%
-0.010352205	-0.010352205	0%
-0.003559412	0.003372933	7435%
-0.008067357	-0.008067357	0%
-0.007728195	-0.007728195	0%
17640.71832	16623.7204	6%
0.003674447	0.003156858	15%
-0.025230821	-0.025230821	0%
0.240160983	0.248405772	-3%
4.23652826	4.287291708	-1%
0.386047878	0.393712411	-2%
0.114164032	0.115839038	-1%
4.800749661	5.097481755	-6%
0.027843089	0.038712268	-33%
0.00126372	0.036076705	-186%

Nom conc	Nom conc	
041619006.D	041619007.D	
Sample 7	Sample 7dup	
5.32971828	6.201188769	-15%
46.02184643	54.42139567	-17%
0.152243639	0.176533176	-15%
0.233991441	0.272191376	-15%
1.920963893	1.994924263	-4%
0.02062423	0.021156021	-3%
-0.007332403	-0.007332403	0%
0.856913366	0.937789204	-9%
0.096006842	0.09661505	-1%
0.724674537	0.79395799	-9%
-0.010352205	-0.010352205	0%
0.004301196	-0.003559412	2119%
-0.008067357	-0.008067357	0%
0.009118621	0.014376201	-45%
66213.47006	71316.49937	-7%
0.003977893	0.005100093	-25%
0.742539617	0.796798594	-7%
0.951923396	0.993543338	-4%
17.73428458	18.11038783	-2%
1.143269264	1.173441023	-3%
0.138981502	0.135152627	3%
56.55322851	49.23316591	14%
0.134704716	0.195854299	-37%
0.073736097	0.078486744	-6%

Nom conc	Nom conc	
041719006.D	041719007.D	
Sample 13	Sample 13dup	
3.964952057	3.919259189	1%
32.08780374	31.73672571	1%
0.161375575	0.159859787	1%
0.253283358	0.236893999	7%
1.700217685	1.826807048	-7%
0.021253307	0.021368375	-1%
-0.007332403	-0.007332403	0%
0.416375844	0.306739482	30%
0.054582372	0.044910184	19%
0.595521828	0.576640754	3%
-0.010352205	-0.010352205	0%
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0.124757178	0.12080654	3%
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0.067737443	0.077083671	-13%
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10%	11%	13%
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75%	22%	16%
4%	8%	11%
6%	8%	11%
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23%	18%	16%

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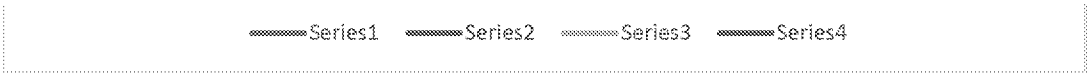
Series1
Series2
Series3
Series4

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1.141985597	1.116963587
1.140483342	1.120567101
1.146470608	1.132884026
0	0
1.123020438	1.097053482
0	0
1.080382432	1.045530752
1.092702648	1.084809235
1.116365888	1.094385392
1.087134099	1.062962254
1.093299183	1.069614939
1.126235943	1.101096717
1.12601307	1.115586648
1.039579098	0.963601856
0.915492117	0.96272458
1.096680067	1.061148537
1.084452041	1.065174714
1.068097744	1.013357409
1.041433873	0.993919643
1.106754802	1.070114169
1.111758263	1.061109379
1.127746466	1.050651998
1.190776129	1.120966387
1.126569567	1.066540454

18%	20%	13%
11%	9%	9%
4%	8%	-31%
8%	12%	10%
3%	3%	2%
5%	8%	10%
12%	13%	15%
9%	10%	12%
13%	12%	13%
15%	17%	15%
5%	11%	10%
22%	24%	22%
16%	10%	12%
17%	14%	14%
7%	10%	9%
7%	9%	10%
10%	10%	10%
17%	13%	13%
12%	12%	-7%
8%	6%	-6%
5%	12%	12%
18%	14%	14%
9%	27%	-45%
10%	13%	14%
19%	17%	15%
12%	11%	12%
15%	10%	8%
12%	8%	9%
12%	13%	12%
10%	9%	9%
13%	11%	9%
12%	13%	13%
16%	11%	13%
7%	4%	4%
-3%	-2%	-8%
14%	11%	10%
10%	9%	8%
18%	7%	7%
15%	7%	4%
16%	11%	11%
17%	12%	11%
15%	14%	13%
23%	20%	19%
34%	18%	13%

12%	0.031623223
7%	0.005418262
1%	0.026503371
8%	0.026730293
-4%	0.006283218
7%	0.005952903
12%	0.025253715
9%	0.026789429
11%	0.030750154
12%	0.066247073
7%	0.023922076
19%	0.043762975
7%	0.01853853
12%	0.040049941
6%	0.0092379
6%	0.003051743
5%	0.007508398
11%	0.034631624
6%	0.069818694
14%	0.040124163
9%	0.026126572
11%	0.047883213
0%	0.094737235
12%	0.022083775
	0.054670027
13%	0.054797177
	0
10%	0.037256689
	0
5%	0.031720722
8%	0.046044028
9%	0.046773559
6%	0.051056115
7%	0.039173743
10%	0.050972351
12%	0.019420596
-4%	0.041452174
-4%	0.048122967
6%	0.055949165
7%	0.040099207
1%	0.040707955
-1%	0.050188923
7%	0.047014505
6%	0.057668291
5%	0.067552863
12%	0.072127086
7%	0.066932552

0.031809989	0.033807381	0.033607288
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0.029212161	0.028855628	0.029750661
0.006283218	0.006283218	0.006283218
0.005952903	0.005952903	0.005952903
0.025253715	0.025253715	0.030784203
0.027505959	0.026125786	0.028122228
0.030750154	0.030750154	0.030750154
0.066247073	0.066247073	0.066247073
0.023292274	0.021332571	0.023112315
0.043762975	0.043762975	0.043762975
0.01853853	0.01853853	0.01853853
0.034054688	0.040421916	0.034054688
0.012303491	0.0092379	0.0092379
0.007756737	0.003051743	0.007675677
0.012491725	0.007508398	0.012987725
0.03691125	0.034248966	0.037388113
0.071312814	0.068743912	0.071990125
0.041248949	0.04082661	0.041341651
0.029007761	0.024775387	0.027855389
0.047883213	0.047883213	0.047883213
0.094737235	0.094737235	0.094737235
0.026866816	0.022083775	0.028097401
0.056359072	0.054029917	0.05651191
0.052589883	0.055369901	0.057748448
0	0	0
0.04224728	0.036448899	0.042425416
0	0	0
0.031720722	0.031720722	0.038809048
0.046044028	0.046044028	0.046044028
0.053481782	0.046773559	0.053156804
0.051056115	0.051056115	0.055190709
0.044722341	0.039173743	0.043611445
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0.028628176	0.019420596	0.029454351
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0.064063733	0.055949165	0.055949165
0.044859252	0.040099207	0.045120281
0.049123409	0.040707955	0.048554312
0.053372365	0.050188923	0.050188923
0.054011547	0.047014505	0.053094886
0.063561267	0.057668291	0.062802791
0.073272028	0.067552863	0.067552863
0.07483372	0.072127086	0.075388314
0.074432866	0.068217957	0.071228622

0.030413567	0.028660603	6%
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0.660955907	0.682649809	-3%
0.020566877	0.020566877	0%
0.016159904	0.016159904	0%
0.005770729	0.005770729	0%
0.021098394	0.021098394	0%
8.610954623	8.828575645	-2%
0.028860779	0.028860779	0%
0.11933918	0.122983112	-3%
0.022129399	0.02229789	-1%
0.0432272	0.043591028	-1%
0.014646467	0.014646467	0%
0.042898402	0.044290212	-3%
0.011653152	0.011835602	-2%
-0.005070606	-0.005070606	0%
-0.002778093	-0.002778093	0%
0.029067578	0.027956526	4%
0.068157158	0.080608035	-17%
0.03661726	0.035399908	3%
0.02084153	0.020355264	2%
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0.014064988	0.014064988	0%
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0.025651324	0.025518924	1%
0	0	#DIV/0!
0.174704942	0.171428049	2%
0.031947427	0.031947427	0%
0.036285586	0.036285586	0%
0.041902601	0.041902601	0%
0.028893889	0.028893889	0%
0.041639953	0.041639953	0%
0.018465714	0.014021974	27%
0.040148938	0.040148938	0%
0.05338539	0.05338539	0%
0.048585857	0.057755747	-17%
0.033148743	0.031570722	5%
0.029586761	0.030896283	-4%
0.048122897	0.048122897	0%
0.035294252	0.035294252	0%
0.046188521	0.046188521	0%
0.057379349	0.057379349	0%
0.065491987	0.065491987	0%
0.067463637	0.057659738	16%

0.071837224	0.075451598	-5%
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0.016159904	0.016159904	0%
0.005770729	0.005770729	0%
0.021098394	0.021098394	0%
7.441191947	7.590503489	-2%
0.036132214	0.034771387	4%
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0.022770753	0.023192929	-2%
0.039074221	0.039074221	0%
0.014646467	0.014646467	0%
0.045902071	0.048841222	-6%
0.010738082	0.011192642	-4%
-0.005070606	-0.005070606	0%
-0.002778093	-0.002778093	0%
0.03777121	0.036768924	3%
0.073877846	0.073884189	0%
0.043276284	0.046852496	-8%
0.020840482	0.020423577	2%
0.035093533	0.035093533	0%
0.110868788	0.110868788	0%
0.014064988	0.014064988	0%
0.056420402	0.054795043	3%
0.188485734	0.047352073	120%
0	0	#DIV/0!
0.025529914	0.024381677	5%
0	0	#DIV/0!
0.012528592	0.012528592	0%
0.031947427	0.042295441	-28%
0.038533314	0.036285586	6%
0.04545251	0.041902601	8%
0.028893889	0.028893889	0%
0.041639953	0.041639953	0%
0.014021974	0.014021974	0%
0.040148938	0.040148938	0%
0.05338539	0.05338539	0%
0.360793812	0.357485145	1%
0.031570722	0.031570722	0%
0.025802202	0.032661003	-23%
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0.035294252	0.035294252	0%
0.046188521	0.046188521	0%
0.057379349	0.057379349	0%
0.065491987	0.065491987	0%
0.049186679	0.049186679	0%

0.358472076	0.364455105	-2%
0.018502084	0.024847124	-29%
13.24320243	13.36617424	-1%
0.154087133	0.020566877	153%
0.016159904	0.016159904	0%
0.005770729	0.008319876	-36%
0.021098394	0.021098394	0%
0.397054425	0.401872259	-1%
0.128293044	0.141469499	-10%
0.166566437	0.203695574	-20%
0.020943951	0.02159394	-3%
0.096305731	0.141102762	-38%
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0.081456117	0.082717807	-2%
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-0.005070606	-0.005070606	0%
0.003277259	0.003514796	-7%
0.032073489	0.029853465	7%
0.06973116	0.069304019	1%
0.060597644	0.055304662	9%
0.022659473	0.02231025	2%
0.042297415	0.041319414	2%
0.110868788	0.141459892	-24%
0.014064988	0.014064988	0%
0.094568876	0.095138107	-1%
0.111031383	0.115689054	-4%
0	0	#DIV/0!
0.037633455	0.034041095	10%
0	0	#DIV/0!
0.012528592	0.034839525	-94%
0.492255541	0.507130561	-3%
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0.049175535	0.048747059	1%
0.028893889	0.028893889	0%
0.041639953	0.041639953	0%
0.025619658	0.023585294	8%
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0.068987045	0.033501451	69%
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0.049389857	0.048122897	3%
0.035294252	0.035294252	0%
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0.057379349	0.057379349	0%
0.065491987	0.065491987	0%
0.165219341	0.163908074	1%

0.073642116	0.073130811	1%
0.018502084	0.018502084	0%
2.255744748	2.215415445	2%
0.020566877	0.020566877	0%
0.016159904	0.016159904	0%
0.005770729	0.005770729	0%
0.021098394	0.030418557	-36%
0.61456546	0.591825698	4%
0.034628899	0.035258347	-2%
0.11933918	0.11933918	0%
0.020206274	0.020149531	0%
0.045633726	0.039074221	15%
0.014646467	0.014646467	0%
0.05214575	0.04588834	13%
0.013637091	0.014521993	-6%
-0.005070606	-0.005070606	0%
-0.002778093	-0.002778093	0%
0.027342424	0.027239893	0%
0.062714627	0.063273983	-1%
0.033738797	0.034721446	-3%
0.021069374	0.020390466	3%
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0.110868788	0.110868788	0%
0.014064988	0.014064988	0%
0.048563716	0.047830122	2%
0.051331266	0.047948273	7%
0	0	#DIV/0!
0.02530094	0.026345916	-4%
0	0	#DIV/0!
0.012528592	0.012528592	0%
0.031947427	0.031947427	0%
0.036285586	0.036285586	0%
0.041902601	0.045571529	-8%
0.028893889	0.028893889	0%
0.041639953	0.041639953	0%
0.020245732	0.014021974	36%
0.040148938	0.040148938	0%
0.05338539	0.05338539	0%
0.1568165	0.067450708	80%
0.031570722	0.031570722	0%
0.032734524	0.032616602	0%
0.048122897	0.048122897	0%
0.070496754	0.035294252	67%
0.046188521	0.046188521	0%
0.057379349	0.057379349	0%
0.065491987	0.065491987	0%
0.068199293	0.068211097	0%

1.496963343	1.239211353
1.459497835	1.19190626
1.622849525	1.214257206
1.315032363	1.158909184

1.100813394	1.088465862
1.134248623	1.050020654
1.104759371	1.0443733
1.1606096	1.088172039

50%	24%	10%
46%	19%	13%
62%	21%	10%
32%	16%	16%

9%	0.039395663
5%	0.051691884
4%	0.065955944
9%	0.019864887

0.043891291	0.030853899	0.0435936
0.051466658	0.04099213	0.05369381
0.105674161	0.046804036	0.067741482
0.034514278	0.017976608	0.032981185

0.03780755	0.027782366	31%
0.052576186	0.038177049	32%
0.08555401	0.076866615	11%
3.16095E-05	-0.000566468	-224%

0.032743114	0.029663801	10%
0.061875468	0.057755979	7%
0.107886611	0.105292348	2%
-0.000907412	-0.002755037	-101%

0.028302213	0.027550075	3%
0.063535318	0.062783525	1%
0.674691895	0.696412344	-3%
-0.003371554	-0.004812028	-35%

0.030928297	0.029840407	4%
0.052030497	0.048860267	6%
0.131456324	0.114019311	14%
-0.001351482	-0.002485103	-59%

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219005.D
Sample : Ambient

Retention time (mins)
5.24
5.9449
6.0744
6.2218
6.8831
7.3193
7.3271
7.4767
9.4173
9.422
10.0054
12.0924
15.5888
17.8435

Compound

Propane
Propane
Propane
Butanoic acid, 3-oxo-, 2-methylpropyl ester
1,1-Dideuteropropene
Isobutane, 1-deutero-
Nitrogen oxide (NO)
Methanol
Methanol
1-Propene, 2-methyl-
1-Butene
2-Butene, (Z)-
Ethanol
Ethanol
Ethanol
(Octahydro-7a-methylbenzofuran-6-yl) Formate
1,2,4,5-Tetroxane, 3,3,6,6-tetramethyl-
2-[5-(3,5-Dimethylphenyl)-1,3,4-oxadiazol-2-yl]-2-[(4-methylbenzyl)amino]propyl Benzoate
2-Hydroxy-4-azadecyl-dimethyl amine
Tetramethyl diamino methane
acetamidine hydrochloride
Dichlorofluoronitromethane
Methane, trichlorofluoro-
Methane, trichlorofluoro-
2-Butanone
2-Butanone
structural isomer of 2 - hydroxy - 3 - oxo - butanal
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Benzene, methyl-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	925	90.96	w11main1	832126
74-98-6	925	90.96	w11main1	832126
74-98-6	911	90.96	w11main1	832126
7779-75-1	770	22.59	w11main1	362147
1517-49-3	767	19.96	w11main1	362147
50463-25-7	762	16.08	w11main1	362147
10102-43-9	969	75.64	w11main1	1757151
67-56-1	929	17.55	w11main1	1757151
67-56-1	911	17.55	w11main1	1757151
115-11-7	886	33.69	w11main1	206629
106-98-9	869	18.39	w11main1	206629
590-18-1	858	12.61	w11main1	206629
64-17-5	921	83.3	w11main1	12786732
64-17-5	919	83.3	w11main1	12786732
64-17-5	912	83.3	w11main1	12786732
0-00-0	902	58.93	w11main1	640437
1073-91-2	859	13	w11main1	640437
0-00-0	840	6.31	w11main2	640437
0-00-0	877	43.9	w11main1	131464
0-00-0	871	34.5	w11main1	131464
0-00-0	779	2.88	w11main1	131464
0-00-0	858	51.35	w11main1	32963
75-69-4	841	28.03	w11main1	32963
75-69-4	837	28.03	w11main1	32963
78-93-3	864	16.47	w11main1	223538
78-93-3	860	16.47	w11main1	223538
0-00-0	856	12.28	w11main1	223538
683-73-8	867	51.26	w11main1	288202
683-73-8	867	51.26	w11main1	288202
7782-44-7	863	43.3	w11main1	288202
74-97-5	864	98.43	w11main1	889776
74-97-5	860	98.43	w11main1	889776
74-97-5	807	98.43	w11main1	889776
367-11-3	886	48.52	w11main1	950043
540-36-3	879	37.17	w11main1	950043
540-36-3	864	37.17	w11main1	950043
544-25-2	912	23.56	w11main1	4636470
544-25-2	907	23.56	w11main1	4636470
108-88-3	899	15.22	w11main1	4636470
541-05-9	881	47.09	w11main1	341132
541-05-9	875	47.09	w11main1	341132

Data Path : E:\Agilent St Gobain plus pfas
Data File : 041219008.D
Sample : System blank

Retention time (mins)	Compound
5.1456	Propane, 2-nitro-
	Propane, 2-nitro-
	(CH3)2CHCH2ONO
5.2122	1,2-Dimethylethylene carbonate
	Pyrimidine-2,4(1H,3H)-dione, 5-amino-6-nitroso-
	Butanoic acid, 3-oxo-, 2-methylpropyl ester
5.934	Ethenol
	Acetaldehyde
	Formic acid, ethenyl ester
5.9565	Tetradeuteroethene
	Tetradeuteroethene
	Oxygen
6.2155	1-Butene
	2-Butene, (Z)-
	1-Propene, 2-methyl-
6.8801	Ethanol
	Ethanol
	Ethanol
7.3175	2-Propanone
	2-Propanone
	4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
10.0047	Methane, bromochloro-
	Methane, bromochloro-
	Methane, bromochloro-
12.0956	Benzene, 1,2-difluoro-
	Benzene, 1,4-difluoro-
	Benzene, 1,3-difluoro-
18.4048	Chlorobenzene-d5
21.2034	Benzene, 1-bromo-3-fluoro-
	Benzene, 1-bromo-2-fluoro-
	Benzene, 1-bromo-2-fluoro-
31.0636	1-Ethynoxyoctane
	2,3-Dimethylthiirane 1,1-dioxide
31.1519	4-(Tetrahydrofuranyl-2-oxy)-4-methyl-2-pentanone
	(S)-2,6-Dimethyloct-7-en-3-one

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
79-46-9	731	30.67	w11main1	29679
79-46-9	731	30.67	w11main1	29679
542-56-3	726	24.72	w11main1	29679
4437-70-1	816	65.38	w11main1	4564
0-00-0	751	10.52	w11main1	4564
7779-75-1	749	9.71	w11main1	4564
57239-63-1	893	35.66	w11main1	237566
75-07-0	878	21.61	w11main1	237566
692-45-5	864	13.52	w11main1	237566
683-73-8	827	49.43	w11main1	42157
683-73-8	827	49.43	w11main1	42157
7782-44-7	823	41.76	w11main1	42157
106-98-9	900	20.27	w11main1	211835
590-18-1	899	19.48	w11main1	211835
115-11-7	898	18.72	w11main1	211835
64-17-5	962	91.2	w11main1	1426268
64-17-5	946	91.2	w11main1	1426268
64-17-5	915	91.2	w11main1	1426268
67-64-1	920	52.23	w11main1	221623
67-64-1	900	52.23	w11main1	221623
54889-59-7	898	20.64	w11main1	221623
74-97-5	914	98.57	w11main1	881955
74-97-5	896	98.57	w11main1	881955
74-97-5	853	98.57	w11main1	881955
367-11-3	897	64.65	w11main1	994916
540-36-3	867	17.97	w11main1	994916
372-18-9	865	16.57	w11main1	994916
3114-55-4	899	98.39	w11main1	743943
1073-06-9	918	42.9	w11main1	620038
1072-85-1	913	34.58	w11main1	620038
1072-85-1	910	34.58	w11main1	620038
0-00-0	842	88.27	w11main1	16357
0-00-0	746	7.03	w11main1	16357
0-00-0	803	85.87	w11main1	21167
0-00-0	705	6.62	w11main1	21167

Data Path : E:\Agilent St Gobain plus pfas
Data File : 041219010.D
Sample : Batch Blank 2

Retention time (mins)	Compound
5.9356	Acetaldehyde
	Acetaldehyde
	Propanenitrile, 2-hydroxy-
6.0654	Nitrogen oxide (NO)
	Methanol
	Methanol
6.2104	1-Propene, 2-methyl-
	1-Butene
	2-Butene, (Z)-
6.8856	Ethanol
	Ethanol
	Ethanol
7.3178	2-Propanone
	2-Propanone
	4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
9.0045	Silanol, trimethyl-
	Silanol, trimethyl-
	Silanol, trimethyl-
10.0031	Methane, bromochloro-
	Methane, bromochloro-
	Methane, bromochloro-
12.0918	Benzene, 1,2-difluoro-
	Benzene, 1,4-difluoro-
	Benzene, 1,3-difluoro-
18.4044	Chlorobenzene-d5
21.2058	Benzene, 1-bromo-4-fluoro-
	Benzene, 1-bromo-3-fluoro-
	Benzene, 1-bromo-2-fluoro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
75-07-0	822	29.87	w11main1	345224
75-07-0	817	29.87	w11main1	345224
78-97-7	814	22.28	w11main1	345224
10102-43-9	990	76.05	w11main1	1377440
67-56-1	956	19.5	w11main1	1377440
67-56-1	937	19.5	w11main1	1377440
115-11-7	911	34.71	w11main1	204135
106-98-9	894	18.94	w11main1	204135
590-18-1	889	15.27	w11main1	204135
64-17-5	931	89.64	w11main1	143979
64-17-5	912	89.64	w11main1	143979
64-17-5	870	89.64	w11main1	143979
67-64-1	964	76.91	w11main1	413476
67-64-1	943	76.91	w11main1	413476
54889-59-7	883	8.15	w11main1	413476
1066-40-6	923	81.23	w11main1	113063
1066-40-6	882	81.23	w11main1	113063
1066-40-6	865	81.23	w11main1	113063
74-97-5	936	98.29	w11main1	863464
74-97-5	933	98.29	w11main1	863464
74-97-5	896	98.29	w11main1	863464
367-11-3	879	43.6	w11main1	991175
540-36-3	869	30.78	w11main1	991175
372-18-9	863	24.19	w11main1	991175
3114-55-4	877	98.09	w11main1	809990
460-00-4	876	58.16	w11main1	435505
1073-06-9	853	21.24	w11main1	435505
1072-85-1	850	18.76	w11main1	435505

Data Path : E:\Agilent St Gobain plus pfas
Data File : 041219012.D
Sample : Trip Blank

Retention time (mins)	Compound
5.9375	Butanoic acid, 3-oxo-, 2-methylpropyl ester
	1,1-Dideuteropropene
	Isobutane, 1-deutero-
6.2153	1-Propene, 2-methyl-
	1-Propene, 2-methyl-
	1-Propene, 2-methyl-
7.3224	2-Propanone
	2-Propanone
	4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
9.0066	Silanol, trimethyl-
	Silanol, trimethyl-
	Silanol, trimethyl-
10.0104	Methane, bromochloro-
	Methane, bromochloro-
	Methane, bromochloro-
12.0968	Benzene, 1,2-difluoro-
	Benzene, 1,4-difluoro-
	Benzene, 1,4-difluoro-
18.4062	Chlorobenzene-d5
21.2037	Benzene, 1-bromo-2-fluoro-
	Benzene, 1-bromo-3-fluoro-
	Benzene, 1-bromo-2-fluoro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
7779-75-1	880	49.57	w11main1	98720
1517-49-3	811	7.36	w11main1	98720
50463-25-7	811	7.36	w11main1	98720
115-11-7	925	61.85	w11main1	199384
115-11-7	866	61.85	w11main1	199384
115-11-7	863	61.85	w11main1	199384
67-64-1	933	59.73	w11main1	211879
67-64-1	923	59.73	w11main1	211879
54889-59-7	878	11.58	w11main1	211879
1066-40-6	925	76.85	w11main1	61533
1066-40-6	891	76.85	w11main1	61533
1066-40-6	868	76.85	w11main1	61533
74-97-5	899	97.15	w11main1	836835
74-97-5	896	97.15	w11main1	836835
74-97-5	854	97.15	w11main1	836835
367-11-3	874	53.65	w11main1	998197
540-36-3	856	27.66	w11main1	998197
540-36-3	845	27.66	w11main1	998197
3114-55-4	914	98.04	w11main1	733179
1072-85-1	861	36.03	w11main1	384622
1073-06-9	860	34.64	w11main1	384622
1072-85-1	859	36.03	w11main1	384622

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219014.D
Sample : Field Blank

Retention time (mins)
5.1714
5.2221
5.9365
6.2062
6.8784
7.3177
10.003
12.09
18.4029
21.2028

Compound	CAS No.
Propane, 2-nitro-	79-46-9
Propane, 2-nitro-	79-46-9
(5R)-1-[1-[(Butylamino)methyl]ethenyl]-2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol	0-00-0
Methyl borane-as positive ion / Ethylborane-as positive ion	0-00-0
1,1-bis(fluoranyl)-2-(prop-2-enoxymethyl)cyclopropane	0-00-0
2,4-bis(n-Hexyl)-1,3-dithiethane 1,1,3,3-tetraoxide	0-00-0
Acetaldehyde	75-07-0
Ethenol	57239-63-1
Propanenitrile, 2-hydroxy-	78-97-7
1-Propene, 2-methyl-	115-11-7
1-Butene	106-98-9
(2E)-2-Butene	107-01-7
Ethanol	64-17-5
Ethanol	64-17-5
Ethanol	64-17-5
2-Propanone	67-64-1
2-Propanone	67-64-1
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one	54889-59-7
Methane, bromochloro-	74-97-5
Methane, bromochloro-	74-97-5
Methane, bromochloro-	74-97-5
Benzene, 1,2-difluoro-	367-11-3
Benzene, 1,3-difluoro-	372-18-9
Benzene, 1,4-difluoro-	540-36-3
Chlorobenzene-d5	3114-55-4
Benzene, 1-bromo-4-fluoro-	460-00-4
Benzene, 1-bromo-3-fluoro-	1073-06-9
Benzene, 1-bromo-4-fluoro-	460-00-4

Match Factor	Probablilty %	Library	Peak sum (TIC)
751	30.56	w11main1	50539
751	30.56	w11main1	50539
739	20.35	w11main1	50539
755	4.82	w11main1	12817
755	4.82	w11main1	12817
755	4.82	w11main2	12817
892	46.95	w11main1	316095
858	12.03	w11main1	316095
857	11.57	w11main1	316095
911	48.85	w11main1	195302
887	16.37	w11main1	195302
875	10.9	w11main1	195302
931	87.16	w11main1	9186544
929	87.16	w11main1	9186544
911	87.16	w11main1	9186544
928	46.43	w11main1	318587
919	46.43	w11main1	318587
907	19.75	w11main1	318587
887	98.68	w11main1	914917
883	98.68	w11main1	914917
839	98.68	w11main1	914917
859	36.33	w11main1	1025691
858	34.92	w11main1	1025691
852	27.44	w11main1	1025691
819	97.24	w11main1	699258
878	37.78	w11main1	444520
874	31.91	w11main1	444520
871	37.78	w11main1	444520

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519008.D
Sample : Sample 1

Retention time (mins)
3.2708
3.4195
5.238
5.9508
6.2214
6.8875
6.8922
7.3306
7.3317
7.7685
9.0077
10.0063
10.019
12.1006

Compound	CAS No.	Match Factor
Tetradeuteroethene	683-73-8	928
Tetradeuteroethene	683-73-8	928
Tetradeuteroethene	683-73-8	883
Tetradeuteroethene	683-73-8	912
Tetradeuteroethene	683-73-8	912
Oxygen	7782-44-7	909
Propane	74-98-6	931
Propane	74-98-6	931
Propane	74-98-6	907
Urea, hydroxy-	127-07-1	872
Butanoic acid, 3-oxo-, 2-methylpropyl ester	7779-75-1	863
1-Deuterobutane	53716-53-3	863
Cyclobutane	287-23-0	773
1-Butene	106-98-9	770
(2E)-2-Butene	624-64-6	756
Methanethial, homopolymer	30699-99-1	706
Methane, oxybis-	115-10-6	701
Dimethylamine-D1	917-72-6	701
Ethanol	64-17-5	901
Ethanol	64-17-5	886
Ethanol	64-17-5	885
2-Heptanone, 5-methyl-	18217-12-4	848
(Octahydro-7a-methylbenzofuran-6-yl) Formate	0-00-0	843
2-Propanone	67-64-1	820
1H-Tetrazole	288-94-8	753
Cyanamide	420-04-2	747
Beta-propiolactone	57-57-8	741
(E)-1-(2-methylpropoxy)-1-butene	0-00-0	711
(1E)-1-Butenyl butyl ether	0-00-0	701
Butane, 1-[(2-methyl-2-propenyl)oxy]-	53907-74-7	700
1,1-Dimethoxy-3-(4-nitrophenyl)propan-2-one	0-00-0	883
1-Dimethoxymethyl-5-methyl-8-oxabicyclo[3.2.1]oct-6-en-3-one	0-00-0	873
Silanol, trimethyl-	1066-40-6	855
Methane, bromochloro-	74-97-5	903
Methane, bromochloro-	74-97-5	900
Methane, bromochloro-	74-97-5	844
Acetic acid ethyl ester	141-78-6	949
Acetic acid ethyl ester	141-78-6	941
Acetic acid ethyl ester	141-78-6	927
Benzene, 1,2-difluoro-	367-11-3	905
Benzene, 1,4-difluoro-	540-36-3	889

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519010.D
Sample : Sample 2

Probablilty %	Library	Peak sum (TIC)	Retention time (mins)
87.25	w11main1	799317	5.2332
87.25	w11main1	799317	
87.25	w11main1	799317	
50.4	w11main1	3382670	5.9483
50.4	w11main1	3382670	
44.53	w11main1	3382670	
92.75	w11main1	1384956	6.0771
92.75	w11main1	1384956	
92.75	w11main1	1384956	
22.59	w11main1	524177	6.216
16.4	w11main1	524177	
16.4	w11main1	524177	
24.74	w11main1	135126	6.8841
21.86	w11main1	135126	
13.68	w11main1	135126	
31.96	w11main1	404553	7.3192
25.76	w11main1	404553	
25.76	w11main1	404553	
79.69	w11main1	39849475	7.3213
79.69	w11main1	39849475	
79.69	w11main1	39849475	
36.86	w11main1	905347	7.48
29.71	w11main1	905347	
10.85	w11main1	905347	
20.97	w11main1	52714	7.515
16.48	w11main1	52714	
12.95	w11main1	52714	
28.7	w11main1	7258	7.5174
20.26	w11main1	7258	
19.47	w11main1	7258	
24.53	w11main1	79904	9
17.32	w11main1	79904	
8.93	w11main1	79904	
98.63	w11main1	943391	9.1932
98.63	w11main1	943391	
98.63	w11main1	943391	
82.42	w11main1	1081200	9.1943
82.42	w11main1	1081200	
82.42	w11main1	1081200	
49.72	w11main1	1071420	9.1959
28.63	w11main1	1071420	

Compound

Propane
Propane
Propane
Butanoic acid, 3-oxo-, 2-methylpropyl ester
Propane, 2-methyl-
Propane, 2-methyl-
Nitrogen oxide (NO)
Methanol
Methanol
1-Propene, 2-methyl-
1-Butene
1-Propene, 2-methyl-
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
4-Penten-2-ol, 2-methyl-
1,2-O-Isopropylidene-6-deoxy-3-O-ethoxymethyl-6-C-[(1-hydroxy-1-methyl)ethyl]-a,D-glucofuranose
1,1-Dideuterio-2-methylpropene-oxide
Dichlorofluoronitromethane
Methane, trichlorofluoro-
Methane, trichlorofluoro-
2,2-dimethoxy-5,5-dimethyl-1,3,4-oxadiazole
2-Methylhexane-2,5-diol
Guanidine carbonate
(+-)-(1R*,5R*,6R*,7S*,8R*,9R*10R*)-5-Acetyl-10-hydroxy-7,9-bis(methoxymethoxy)-8-methyl-bicyclo[4.4.0]decan-3-one
2-Propanol
2-Propanol
6-Nitro-2,3-diphenylquinoxaline
(-)-N-Benzyl-N'-(2,2-dimethoxyethyl)-(2R,3R)-2,3-di-O-isopropylidenetartramic acid methyl ester
2-[(Benzyldimethylsilyl)methyl]-tetrahydrofuran
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide
Ethyl 2-ethyl-3-oxo-3-pentadecylfluoroheptylpropanoate
4-(4-Amino-5-(2,4-dichlorophenyl)-6-oxo-6,7,8,9-tetrahydropyrimido[4,5-b]quinolin-10(5H)-yl)benzenesulfonamide
2,2-Dimethylpropyl nitrite
Nonane, 4-methyl-
Hexane, 2,2,5,5-tetramethyl-
2H-Pyran-2,6(3H)-dione, dihydro-
Azetidine, 2-methyl-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	960	93.14	w11main1	15141271
74-98-6	959	93.14	w11main1	15141271
74-98-6	936	93.14	w11main1	15141271
7779-75-1	898	70.25	w11main1	1190043
75-28-5	843	13.62	w11main1	1190043
75-28-5	825	13.62	w11main1	1190043
10102-43-9	990	76.05	w11main1	3379970
67-56-1	956	19.5	w11main1	3379970
67-56-1	937	19.5	w11main1	3379970
115-11-7	889	46.6	w11main1	195086
106-98-9	864	14.21	w11main1	195086
115-11-7	861	46.6	w11main1	195086
64-17-5	932	87.85	w11main1	105961170
64-17-5	911	87.85	w11main1	105961170
64-17-5	904	87.85	w11main1	105961170
67-64-1	944	70.01	w11main1	871293
67-64-1	934	70.01	w11main1	871293
54889-59-7	885	12.65	w11main1	871293
624-97-5	860	70.07	w11main1	8663
0-00-0	822	16.78	w11main2	8663
0-00-0	796	5.03	w11main1	8663
0-00-0	848	57.33	w11main1	36977
75-69-4	828	26.11	w11main1	36977
75-69-4	821	26.11	w11main1	36977
0-00-0	844	60.67	w11main1	28426
0-00-0	782	10.36	w11main1	28426
8/9/3425	766	5.97	w11main1	28426
0-00-0	849	25.2	w11main2	306839
67-63-0	839	17.79	w11main1	306839
67-63-0	838	17.79	w11main1	306839
0-00-0	905	3.07	w11main2	82371
0-00-0	905	3.07	w11main2	82371
0-00-0	905	3.07	w11main1	82371
0-00-0	896	3.03	w11main2	96802
0-00-0	896	3.03	w11main2	96802
0-00-0	896	3.03	w11main2	96802
0-00-0	878	93.01	w11main1	47849
17301-94-9	747	3.79	w11main1	47849
1071-81-4	719	1.09	w11main1	47849
108-55-4	836	89.75	w11main1	56849
19812-49-8	733	6.33	w11main1	56849

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519012.D
Sample : Sample 3

Retention time (mins)
5.1966
5.2611
5.9708
6.1054
6.2461
6.2494
6.9103
7.3453
7.353
7.542
7.7832
9.2164
9.3151
10.018

Compound

Methane, chlorodifluoro-
Methane, chlorodifluoro-
Methane, chlorodifluoro-
Propane
Propane
Propane
Butanoic acid, 3-oxo-, 2-methylpropyl ester
Propane
1,1-Dideuteropropene
Nitrogen oxide (NO)
Methanol
Methanol
2-But-1-enyltetrahydrofuran
1-Propene, 3-(ethenyloxy)-
2-Undecanethiol, 2-methyl-
1-Butene
Ethane, diazo-
n-Butyl 2,2-Dicyanopropionate
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
(Octahydro-7a-methylbenzofuran-6-yl) Formate
Cyanamide
4-Amino-3-phenyl-N'-(1-(4-(piperidin-1-ylsulfonyl)phenyl)ethylidene)-2-thioxo-2,3-dihydrothiazole-5-carbohydrazide
2-Amino-5-cyano-4-(4-hydroxyphenyl)-6-oxo-1-{1-[4-(piperidine-1-sulf-onyl)phenyl]ethylideneamino}-1,6-dihydropyridir
2-Propanol
4-Penten-2-ol
4-Penten-2-ol
Pentane
Propane, 2-methyl-
Propane, 2-methyl-
Pentane, 2-methyl-
Pentane, 2-methyl-
Pentane, 2-methyl-
Propane, 2-nitro-
(CH3)2CHCH2ONO
Propane, 2-nitro-
Methane, bromochloro-
Methane, bromochloro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
75-45-6	792	95.3	w11main1	171181
75-45-6	742	95.3	w11main1	171181
75-45-6	723	95.3	w11main1	171181
74-98-6	928	87.6	w11main1	4378502
74-98-6	927	87.6	w11main1	4378502
74-98-6	906	87.6	w11main1	4378502
7779-75-1	868	32.39	w11main1	675869
74-98-6	851	17.67	w11main1	675869
1517-49-3	845	13.89	w11main1	675869
10102-43-9	975	54.08	w11main1	4335120
67-56-1	960	32.77	w11main1	4335120
67-56-1	941	32.77	w11main1	4335120
0-00-0	797	39.37	w11main1	126011
3917-15-5	789	29.37	w11main1	126011
10059-13-9	769	13.38	w11main1	126011
106-98-9	864	25.53	w11main1	84684
1117-96-0	821	5.63	w11main1	84684
0-00-0	819	5.19	w11main1	84684
64-17-5	933	87.55	w11main1	73377305
64-17-5	905	87.55	w11main1	73377305
64-17-5	904	87.55	w11main1	73377305
67-64-1	888	46.72	w11main1	843347
67-64-1	872	46.72	w11main1	843347
0-00-0	867	19.87	w11main1	843347
420-04-2	818	24.2	w11main1	89621
0-00-0	799	11.75	w11main2	89621
0-00-0	799	11.75	w11main2	89621
67-63-0	834	34.81	w11main1	593378
625-31-0	819	21.1	w11main1	593378
625-31-0	817	21.1	w11main1	593378
109-66-0	877	55	w11main1	95463
75-28-5	853	18.43	w11main1	95463
75-28-5	850	18.43	w11main1	95463
107-83-5	883	70.92	w11main1	283322
107-83-5	880	70.92	w11main1	283322
107-83-5	873	70.92	w11main1	283322
79-46-9	946	73.08	w11main1	15396
542-56-3	917	20.71	w11main1	15396
79-46-9	873	73.08	w11main1	15396
74-97-5	873	98.69	w11main1	940475
74-97-5	872	98.69	w11main1	940475

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519014.D
Sample : Sample 4

Retention time (mins)
3.4161
5.1795
5.2435
5.9504
5.9654
6.084
6.227
6.3502
6.8964
7.3274
7.335
7.3645
7.7689
8.5781
9.0121

Compound	CAS No.	Match Factor
Tetradeuteroethene	683-73-8	909
Tetradeuteroethene	683-73-8	909
Oxygen	7782-44-7	907
Methane, chlorodifluoro-	75-45-6	831
Methane, chlorodifluoro-	75-45-6	790
Methane, chlorodifluoro-	75-45-6	781
Propane	74-98-6	934
Propane	74-98-6	933
Propane	74-98-6	909
Acetaldehyde	75-07-0	896
Propanenitrile, 2-hydroxy-	78-97-7	887
Propanenitrile, 2-hydroxy-	78-97-7	882
Propane, 2-methyl-	75-28-5	912
Propane, 2-methyl-	75-28-5	911
Propane, 2-methyl-	75-28-5	891
Methanol	67-56-1	979
Nitrogen oxide (NO)	10102-43-9	960
Methanol	67-56-1	960
1-Butene	106-98-9	879
1-Propene, 2-methyl-	115-11-7	876
1-Butene	106-98-9	867
Acetic acid, trichloro-, propyl ester	13313-91-2	824
Acetic acid, 2-propenyl ester	591-87-7	822
Propane, 2-nitro-	79-46-9	820
Ethanol	64-17-5	925
Ethanol	64-17-5	913
Ethanol	64-17-5	900
(Octahydro-7a-methylbenzofuran-6-yl) Formate	0-00-0	847
2-Propanone	67-64-1	847
2-Heptanone, 5-methyl-	18217-12-4	842
2,5-Furandione, dihydro-3-methyl-	4100-80-5	758
Silane, trichloro(1,1-dimethylethyl)-	18171-74-9	881
4-tert-butyl-1-(trifluoromethyl)cyclohexanol	120714-68-3	881
Propane, 2-[(1,1-dimethylethyl)sulfonyl]-2-methyl-	1886-75-5	879
Pentane	109-66-0	877
Pentane	109-66-0	870
Pentane	109-66-0	867
Isobutyraldehyde	78-84-2	829
Isobutyraldehyde	78-84-2	787
2-[13C]-2-Tetrahydrofuryl-methanol	0-00-0	781
1,1-Dimethoxy-3-(4-nitrophenyl)propan-2-one	0-00-0	918

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519016.D
Sample : Sample 5

Probablilty %	Library	Peak sum (TIC)	Retention time (mins)
49.31	w11main1	4298221	5.2507
49.31	w11main1	4298221	
45.48	w11main1	4298221	
97.74	w11main1	224130	5.9544
97.74	w11main1	224130	
97.74	w11main1	224130	
92.44	w11main1	3734232	6.1614
92.44	w11main1	3734232	
92.44	w11main1	3734232	
39.24	w11main1	986558	6.2316
28.49	w11main1	986558	
28.49	w11main1	986558	
64.46	w11main1	172007	6.3513
64.46	w11main1	172007	
64.46	w11main1	172007	
61.65	w11main1	5865184	6.5167
29.93	w11main1	5865184	
61.65	w11main1	5865184	
25.13	w11main1	208548	6.911
22.2	w11main1	208548	
25.13	w11main1	208548	
14.48	w11main1	193230	7.3132
13.36	w11main1	193230	
12.32	w11main1	193230	
86.7	w11main1	139818235	7.4792
86.7	w11main1	139818235	
86.7	w11main1	139818235	
28.69	w11main1	1347682	7.7535
28.69	w11main1	1347682	
23.12	w11main1	1347682	
70.39	w11main1	195701	8.0838
19.06	w11main1	111319	
19.06	w11main1	111319	
17.58	w11main1	111319	8.5619
62.84	w11main1	113995	
62.84	w11main1	113995	
62.84	w11main1	113995	8.9866
75.52	w11main1	32015	
75.52	w11main1	32015	
15.65	w11main1	32015	9.1884
35.92	w11main1	66338	

Compound

Propane
Propane
Propane
Isobutane, 1-deutero-
Acetaldehyde
1-Deuterobutane
Methanol
Nitrogen oxide (NO)
Methanol
1-Propene, 2-methyl-
2-Butene, (Z)-
1-Butene
Butane
Butane
Butane
Silane, fluorotrimethyl-
Silane, fluorotrimethyl-
Silane, fluorotrimethyl-
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
(Octahydro-7a-methylbenzofuran-6-yl) Formate
Dichlorofluoronitromethane
Methane, trichlorofluoro-
1-Chloro-3-methyl-1-[(2'-nitrobenzene)sulfinyl]-1,2-butadiene
Pentane
Pentane
Pentane
anti-(Ra*,2'S*)-N,N'-Bis(4-heptyl)-2-(2'-benzyl-3'-methylbutoyl)-1-naphthamide
2-(hydroxymethyl)-N,N-bis(1-propylbutyl)naphthalene-1-carboxamide
[(4-Iodopentan-2-yloxy)bis(trimethylsilyl)silyl]trimethylstannane
Isobutyraldehyde
Isobutyraldehyde
Isobutyraldehyde
Silanol, trimethyl-
Silanol, trimethyl-
tert-Butyl(dimethyl)silanol
Acetic acid, trichloro-, pentyl ester
Pentane, 2-methyl-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	941	91.23	w11main1	3430005
74-98-6	941	91.23	w11main1	3430005
74-98-6	922	91.23	w11main1	3430005
50463-25-7	877	26.42	w11main1	1265000
75-07-0	872	21.3	w11main1	1265000
53716-53-3	868	17.99	w11main1	1265000
67-56-1	975	53.68	w11main1	4863411
10102-43-9	964	36.82	w11main1	4863411
67-56-1	961	53.68	w11main1	4863411
115-11-7	905	25.06	w11main1	257667
590-18-1	894	17.19	w11main1	257667
106-98-9	894	17.19	w11main1	257667
106-97-8	929	64.88	w11main1	261758
106-97-8	910	64.88	w11main1	261758
106-97-8	901	64.88	w11main1	261758
420-56-4	948	69.19	w11main1	156537
420-56-4	905	69.19	w11main1	156537
420-56-4	857	69.19	w11main1	156537
64-17-5	931	88.09	w11main1	112376897
64-17-5	913	88.09	w11main1	112376897
64-17-5	905	88.09	w11main1	112376897
67-64-1	889	44.56	w11main1	2372256
67-64-1	857	44.56	w11main1	2372256
0-00-0	853	11.01	w11main1	2372256
0-00-0	829	33.22	w11main1	63643
75-69-4	827	30.64	w11main1	63643
0-00-0	820	23.47	w11main1	63643
109-66-0	856	60.65	w11main1	114728
109-66-0	838	60.65	w11main1	114728
109-66-0	829	60.65	w11main1	114728
0-00-0	952	40.81	w11main2	26545
0-00-0	941	27.99	w11main2	26545
0-00-0	882	5.06	w11main2	26545
78-84-2	828	77.42	w11main1	57156
78-84-2	785	77.42	w11main1	57156
78-84-2	774	77.42	w11main1	57156
1066-40-6	914	70.76	w11main1	3232463
1066-40-6	900	70.76	w11main1	3232463
18173-64-3	867	14.8	w11main1	3232463
33972-81-5	847	56.17	w11main1	612633
107-83-5	806	12.81	w11main1	612633

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519018.D
Sample : Sample 6

Retention time (mins)
4.046
5.2234
5.9387
5.9497
6.0609
6.0755
6.2124
6.3395
6.8852
7.3196
7.3509
7.5191
7.52
7.7609

Compound

Tetradeuteroethene
Tetradeuteroethene
Oxygen
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Propanenitrile, 2-hydroxy-
Propane, 1-nitro-
Propane, 2-nitro-
Propane, 1-nitro-
2-methyl-3-oxo-3-(2-pyridinyl)propanoic acid ethyl ester
1-Azanylurea
1-Azanylurea
Methanol
Methanol
Nitrogen oxide (NO)
1-Butene
(2E)-2-Butene
1-Butene
Butane
Acetic acid, trichloro-, propyl ester
Butane
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
2-Propanone
Acetic acid, trichloro-, butyl ester
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Boric acid (H3BO3), tributyl ester
o-Allylhydroxylamine
Piperidine, 1-(1-propenyl)-
(5R)-1-[1-[(Butylamino)methyl]ethenyl]-2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
(1'Z,4'Z,7'Z,1-'Z)-(1S,2S,4R,5S,6R)-2-Methoxy-6-(methoxymethyl)oxy-4-trideca-1',4',7',10'-tetraenyl-3-oxabicyclo[3.3.0]oc
Pentane
Pentane

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
683-73-8	840	49.46	w11main1	926602
683-73-8	840	49.46	w11main1	926602
7782-44-7	836	41.78	w11main1	926602
74-98-6	949	93.68	w11main1	3401979
74-98-6	948	93.68	w11main1	3401979
74-98-6	929	93.68	w11main1	3401979
75-07-0	916	64.45	w11main1	1574322
75-07-0	882	64.45	w11main1	1574322
78-97-7	872	13.97	w11main1	1574322
108-03-2	904	44.48	w11main1	166338
79-46-9	898	34.96	w11main1	166338
108-03-2	895	44.48	w11main1	166338
0-00-0	800	80.09	w11main1	35677
57-56-7	760	18.58	w11main1	35677
57-56-7	719	18.58	w11main1	35677
67-56-1	981	71.14	w11main1	5922519
67-56-1	966	71.14	w11main1	5922519
10102-43-9	955	21.31	w11main1	5922519
106-98-9	904	28.12	w11main1	308164
107-01-7	901	24.84	w11main1	308164
106-98-9	883	28.12	w11main1	308164
106-97-8	802	19.07	w11main1	143440
13313-91-2	795	14.61	w11main1	143440
106-97-8	787	19.07	w11main1	143440
64-17-5	934	89.29	w11main1	95674365
64-17-5	912	89.29	w11main1	95674365
64-17-5	905	89.29	w11main1	95674365
67-64-1	957	70.18	w11main1	1978652
67-64-1	944	70.18	w11main1	1978652
67-64-1	885	70.18	w11main1	1978652
7/6/3657	888	36.99	w11main1	166376
0-00-0	874	23.15	w11main1	166376
688-74-4	849	7.06	w11main1	166376
6542-54-7	754	33.89	w11main1	22797
9/4/7182	737	18.49	w11main1	22797
0-00-0	721	10.65	w11main1	22797
0-00-0	917	5.86	w11main1	137991
0-00-0	917	5.86	w11main1	137991
0-00-0	917	5.86	w11main2	137991
109-66-0	901	74	w11main1	180165
109-66-0	890	74	w11main1	180165

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619008.D
Sample : Sample 7

Retention time (mins)
5.1278
5.2295
5.9338
5.9455
6.0707
6.2131
6.3366
6.8825
7.3106
7.3417
7.5096
7.754
8.0862
8.566

Compound

Aziridine
Aziridine
Vinylamine
Propane
Propane
Propane
Acetaldehyde
Formic acid, ethenyl ester
Formic acid, ethenyl ester
Propane, 2-methyl-
Propane, 2-methyl-
Propane, 2-methyl-
Methanol
Methanol
Nitrogen oxide (NO)
1-Butene
(2E)-2-Butene
1-Butene
Butane
Butane
Propane, 2-nitro-
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
2-Propanone
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Cyclopropane, 2-butoxy-1,1-difluoro-3-methyl-, cis-(.+-.)-
Methane, isocyanato-
2-Hydroxy-2-methylmalonic acid
4-Penten-2-ol
2-Propanol
Pentane
Pentane
Pentane
1,2-bis(dicyanmethylen)-3-(2,3-dimorpholinocyclopropenyliothio)cyclopropanid
anti-(Ra*,2'S*)-N,N'-Bis(4-heptyl)-2-(2'-benzyl-3'-methylbutoyl)-1-naphthamide
Ethyl 2,2-dimethyl-6-oxa-1-azabicyclo[3.1.0]hexan-4-yl carbonate
Isobutyraldehyde
Isobutyraldehyde

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
151-56-4	805	53.82	w11main1	46157
151-56-4	778	53.82	w11main1	46157
0-00-0	761	11.67	w11main1	46157
74-98-6	950	92.95	w11main1	2805990
74-98-6	949	92.95	w11main1	2805990
74-98-6	919	92.95	w11main1	2805990
75-07-0	920	40.68	w11main1	1793285
692-45-5	904	23.42	w11main1	1793285
692-45-5	902	23.42	w11main1	1793285
75-28-5	907	67.98	w11main1	113852
75-28-5	904	67.98	w11main1	113852
75-28-5	884	67.98	w11main1	113852
67-56-1	982	72	w11main1	8831505
67-56-1	969	72	w11main1	8831505
10102-43-9	952	20.01	w11main1	8831505
106-98-9	935	32.02	w11main1	324947
107-01-7	929	25.17	w11main1	324947
106-98-9	911	32.02	w11main1	324947
106-97-8	860	57.49	w11main1	130809
106-97-8	836	57.49	w11main1	130809
79-46-9	831	16.29	w11main1	130809
64-17-5	922	86.86	w11main1	170508881
64-17-5	920	86.86	w11main1	170508881
64-17-5	899	86.86	w11main1	170508881
67-64-1	942	67.92	w11main1	2658302
67-64-1	910	67.92	w11main1	2658302
67-64-1	873	67.92	w11main1	2658302
0-00-0	865	40.44	w11main1	233557
131262-41-4	835	11.24	w11main1	233557
624-83-9	831	9.49	w11main1	233557
595-98-2	827	29.31	w11main1	674701
625-31-0	827	29.31	w11main1	674701
67-63-0	817	20.69	w11main1	674701
109-66-0	924	75	w11main1	162348
109-66-0	924	75	w11main1	162348
109-66-0	922	75	w11main1	162348
100514-59-8	927	41.16	w11main2	20192
0-00-0	903	13.79	w11main2	20192
0-00-0	897	10.84	w11main1	20192
78-84-2	864	78.44	w11main1	57762
78-84-2	863	78.44	w11main1	57762

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619010.D
Sample : Sample 8

Retention time (mins)
3.4177
5.21
5.2336
5.9365
5.9525
6.075
6.2108
6.8835
7.2045
7.3128
7.3241
7.5125
7.5147
7.7579
8.0937

Compound

Tetradeuteroethene
Tetradeuteroethene
Oxygen
Propane
Propane
Propane
1,1-Dideuteropropene
Propane
Propane
Formic acid, ethenyl ester
Acetaldehyde
Formic acid, ethenyl ester
Acetonitrile
Cyanoacetaldehyde
Acetonitrile
Methanol
Methanol
Nitrogen oxide (NO)
1-Propene, 2-methyl-
Methylcyclopropane
1-Butene
Ethanol
Ethanol
Ethanol
2-Propenal
2-Propenal
2-Propenal
2-Propanone
2-Propanone
2-Propanone
2-Naphthaleneacetic acid, decahydro-1,5-dihydroxy-a,4a-dimethyl-8-oxo-, methyl ester, [1a,2ß(R*),4aß,5ß,8aa]-(.+-.)-
N-(Propa-1,2,dien-1-yl)azomethane
2-(2-Oxidanylidenepropyl)propanedial
3-Nitro-1-butene
Propane, 1-methoxy-
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
Pentane
Pentane
Pentane
anti-(Ra*,2'S*)-N,N'-Bis(4-heptyl)-2-(2'-benzyl-3'-methylbutoyl)-1-naphthamide

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
683-73-8	919	60.53	w11main1	4260968
683-73-8	919	60.53	w11main1	4260968
7782-44-7	903	34.86	w11main1	4260968
74-98-6	877	83.38	w11main1	2912548
74-98-6	877	83.38	w11main1	2912548
74-98-6	854	83.38	w11main1	2912548
1517-49-3	795	70.21	w11main1	392150
74-98-6	750	14.95	w11main1	392150
74-98-6	750	14.95	w11main1	392150
692-45-5	899	33.27	w11main1	2008947
75-07-0	897	30.69	w11main1	2008947
692-45-5	892	33.27	w11main1	2008947
75-05-8	790	43.76	w11main1	121100
0-00-0	789	42.07	w11main1	121100
75-05-8	766	43.76	w11main1	121100
67-56-1	979	72.55	w11main1	7351780
67-56-1	960	72.55	w11main1	7351780
10102-43-9	949	20.16	w11main1	7351780
115-11-7	916	21.76	w11main1	460047
594-11-6	911	17.53	w11main1	460047
106-98-9	908	15.49	w11main1	460047
64-17-5	927	86.62	w11main1	112599303
64-17-5	913	86.62	w11main1	112599303
64-17-5	900	86.62	w11main1	112599303
107-02-8	846	93.13	w11main1	48621
107-02-8	822	93.13	w11main1	48621
107-02-8	789	93.13	w11main1	48621
67-64-1	941	62.4	w11main1	3784226
67-64-1	919	62.4	w11main1	3784226
67-64-1	884	62.4	w11main1	3784226
83037-79-0	726	63.46	w11main1	238747
0-00-0	856	46.82	w11main1	105116
0-00-0	793	7.84	w11main1	105116
0-00-0	791	7.23	w11main1	105116
557-17-5	897	17.79	w11main1	453163
0-00-0	862	4.46	w11main1	453163
0-00-0	862	4.46	w11main1	453163
109-66-0	790	62.37	w11main1	149738
109-66-0	773	62.37	w11main1	149738
109-66-0	758	62.37	w11main1	149738
0-00-0	933	35.7	w11main2	26057

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619012.D
Sample : Sample 9

Retention time (mins)
5.2351
5.2509
5.9506
6.0875
6.2272
6.8955
7.3255
7.3281
7.3365
7.3591
7.5239
7.5273
7.7714
8.5833
8.8373

Compound

Propane
Propane
Propane
1,1-Dideuteropropene
Isobutane, 1-deutero-
2-Deutero-2-methylpropane
Acetaldehyde
Acetaldehyde
Acetaldehyde
Methanol
Methanol
Nitrogen oxide (NO)
1-Butene
(2E)-2-Butene
1-Propene, 2-methyl-
Ethanol
Ethanol
Ethanol
Methane, trinitro-
Methane, trinitro-
n-Hexyl-N-methylamine
Propanenitrile, 2-hydroxy-2-methyl-
(Octahydro-7a-methylbenzofuran-6-yl) Formate
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
acetamidine hydrochloride
(cis)-3-dimethylamino-1-phenyl-1-hydroxycyclohexane
Embramine
4'-Acetyl-2'-phenyl-4a',5',6',7',8',8a'-hexahydro-4'H-spiro-[cyclohexane-1,9'-[1,2,4]triazolo[5,1-b]quinazoline]
4,5-Dihydro-1-methyl-5-(nitrimino)-1H-tetrazole
DL-1,3-dimethoxyhexane
4-Penten-2-ol
4-Penten-2-ol
Propane, 2-methyl-
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
Propane, 2-methyl-
Propane, 2-nitro-
Propane, 1-nitro-
Propane, 2-nitro-
(5E)-2,2-Dimethyl-4-oxaocta-5,7-dienal
2-Butenal, (Z)-
2-Propenal, 2-methyl-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	867	83.86	w11main1	2044853
74-98-6	867	83.86	w11main1	2044853
74-98-6	850	83.86	w11main1	2044853
1517-49-3	824	46.65	w11main1	134272
50463-25-7	806	24.06	w11main1	134272
13183-68-1	789	13.13	w11main1	134272
75-07-0	930	64.2	w11main1	1741636
75-07-0	904	64.2	w11main1	1741636
75-07-0	895	64.2	w11main1	1741636
67-56-1	981	71.24	w11main1	5147563
67-56-1	967	71.24	w11main1	5147563
10102-43-9	954	20.96	w11main1	5147563
106-98-9	931	27.17	w11main1	447692
107-01-7	926	21.9	w11main1	447692
115-11-7	912	13.71	w11main1	447692
64-17-5	934	88.22	w11main1	76091194
64-17-5	909	88.22	w11main1	76091194
64-17-5	906	88.22	w11main1	76091194
517-25-9	828	19.85	w11main1	32362
517-25-9	825	19.85	w11main1	32362
35161-70-7	782	4.19	w11main1	32362
75-86-5	901	54.25	w11main1	2008499
0-00-0	859	12.17	w11main1	2008499
54889-59-7	855	10.28	w11main1	2008499
0-00-0	815	96.72	w11main1	235133
0-00-0	805	26.16	w11main1	17221
3565-72-8	791	16.37	w11main2	17221
0-00-0	717	18.02	w11main2	47856
0-00-0	703	11.28	w11main1	47856
0-00-0	820	35.36	w11main1	943388
625-31-0	814	27.8	w11main1	943388
625-31-0	802	27.8	w11main1	943388
75-28-5	892	59.18	w11main1	105241
6/8/4375	868	19.83	w11main2	105241
75-28-5	867	59.18	w11main1	105241
79-46-9	963	83.02	w11main1	40871
108-03-2	875	7.24	w11main1	40871
79-46-9	874	83.02	w11main1	40871
0-00-0	806	44.15	w11main1	39877
15798-64-8	786	20.11	w11main1	39877
78-85-3	785	19.33	w11main1	39877

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619014.D
Sample : Sample 10

Retention time (mins)
5.215
5.9493
6.0913
6.2194
6.8974
7.3288
7.5313
7.5313
7.773
9.1689
9.3126
9.4233
10.0142
10.0272

Compound

Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Acetaldehyde
Methanol
Methanol
Nitrogen oxide (NO)
1-Propene, 2-methyl-
1-Butene
(2E)-2-Butene
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
(1'Z,4'Z,7'Z,1-'Z)-(1S,2S,4R,5S,6R)-2-Methoxy-6-(methoxymethyl)oxy-4-trideca-1',4',7',10'-tetraenyl-3-oxabicyclo[3.3.0]oc
Propane, 2-methyl-
Propane, 2-methyl-
Propane, 2-methyl-
Pentane
Pentane
Pentane
1-(2-ethyl-2-oxiranyl)-2-propanone
1,10-Secocholestan-1-al, 10-hydroxy-, (5ß)-
4-pentene-2,3-dione
2-Ethyl-3-tetrahydrofuryl thiocyanate
Methyl 2,3,6,7-tetradeoxy-2,6-di-C-methyl-8-O-pivaloyl-a-D-arabino-octo-1,5-pyranosid-4-ulose
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
L-Alanine
L-Alanine
1,4-Dioxane-2,6-dione

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	929	90.05	w11main1	2077964
74-98-6	928	90.05	w11main1	2077964
74-98-6	924	90.05	w11main1	2077964
75-07-0	928	55.52	w11main1	1426748
75-07-0	918	55.52	w11main1	1426748
75-07-0	899	55.52	w11main1	1426748
67-56-1	982	72.61	w11main1	5475304
67-56-1	963	72.61	w11main1	5475304
10102-43-9	952	20.18	w11main1	5475304
115-11-7	919	22.89	w11main1	390182
106-98-9	915	19.34	w11main1	390182
107-01-7	914	18.59	w11main1	390182
64-17-5	934	88.25	w11main1	75615319
64-17-5	909	88.25	w11main1	75615319
64-17-5	906	88.25	w11main1	75615319
67-64-1	958	70.8	w11main1	1689445
67-64-1	945	70.8	w11main1	1689445
54889-59-7	876	7.22	w11main1	1689445
0-00-0	920	5.89	w11main1	253681
0-00-0	920	5.89	w11main1	253681
0-00-0	920	5.89	w11main2	253681
75-28-5	845	47.99	w11main1	75645
75-28-5	836	47.99	w11main1	75645
75-28-5	820	47.99	w11main1	75645
109-66-0	893	63.5	w11main1	151279
109-66-0	879	63.5	w11main1	151279
109-66-0	869	63.5	w11main1	151279
0-00-0	914	56.16	w11main1	122349
96616-67-0	896	28.96	w11main2	122349
0-00-0	837	5.23	w11main1	122349
0-00-0	795	80.7	w11main1	34973
0-00-0	735	14.32	w11main1	34973
683-73-8	830	49.16	w11main1	686826
683-73-8	830	49.16	w11main1	686826
7782-44-7	827	43.44	w11main1	686826
74-97-5	888	98.71	w11main1	794961
74-97-5	887	98.71	w11main1	794961
74-97-5	833	98.71	w11main1	794961
56-41-7	782	36.77	w11main1	56945
56-41-7	774	36.77	w11main1	56945
4480-83-5	748	9.42	w11main1	56945

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619016.D
Sample : Sample 11

Retention time (mins)
5.2121
5.9513
6.0968
6.0978
6.223
6.9034
7.3363
7.5356
7.7805
9.1755
10.0193
10.0357
10.0444
12.1046

Compound	CAS No.	Match Factor
Propane	74-98-6	926
Propane	74-98-6	926
Propane	74-98-6	914
Acetaldehyde	75-07-0	897
Formic acid, ethenyl ester	692-45-5	890
Acetaldehyde	75-07-0	876
Methanol	67-56-1	980
Methanol	67-56-1	961
Nitrogen oxide (NO)	10102-43-9	953
Oxygen	7782-44-7	842
Oxygen	7782-44-7	842
Oxygen	7782-44-7	842
1-Propene, 2-methyl-	115-11-7	950
1-Butene	106-98-9	905
(2E)-2-Butene	107-01-7	898
Ethanol	64-17-5	942
Ethanol	64-17-5	913
Ethanol	64-17-5	908
2-Propanone	67-64-1	953
2-Propanone	67-64-1	928
2-Propanone	67-64-1	884
2-Propanol	67-63-0	841
2-Propanol	67-63-0	835
2-Propanol	67-63-0	823
Pentane	109-66-0	874
Butane, 2-methyl-	78-78-4	865
Pentane	109-66-0	841
4-Bromo-5-azidooctane	0-00-0	850
1-(2-ethyl-2-oxiranyl)-2-propanone	0-00-0	840
1,10-Secocholestan-1-al, 10-hydroxy-, (5ß)-	96616-67-0	822
Methane, bromochloro-	74-97-5	886
Methane, bromochloro-	74-97-5	877
Methane, bromochloro-	74-97-5	838
Acetic acid ethyl ester	141-78-6	868
Acetic acid ethyl ester	141-78-6	862
Acetic acid ethyl ester	141-78-6	856
(4R,5S)-Diphenyl-3-(3-phenyl-2(E)-propenoyl)-2-oxazolidinone	0-00-0	823
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-	311-89-7	775
2-Iodo-(N,N,N',N'-tetrakis(isopropyl)-ferrocene)-1,1'-dicarboxamide	0-00-0	753
Benzene, 1,2-difluoro-	367-11-3	881
Benzene, 1,4-difluoro-	540-36-3	871

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619018.D
Sample : Sample 12

Probablilty %	Library	Peak sum (TIC)	Retention time (mins)
89.74	w11main1	2029439	5.2194
89.74	w11main1	2029439	
89.74	w11main1	2029439	
30.91	w11main1	1323735	5.9569
23.68	w11main1	1323735	
30.91	w11main1	1323735	
71.67	w11main1	4771136	6.1002
71.67	w11main1	4771136	
21.08	w11main1	4771136	
57.66	w11main1	12811	6.2271
57.66	w11main1	12811	
57.66	w11main1	12811	
60	w11main1	258835	6.2303
12.78	w11main1	258835	
9.79	w11main1	258835	
89.86	w11main1	50953786	6.909
89.86	w11main1	50953786	
89.86	w11main1	50953786	
67.38	w11main1	1228942	7.3415
67.38	w11main1	1228942	
67.38	w11main1	1228942	
41.38	w11main1	722127	7.7833
41.38	w11main1	722127	
41.38	w11main1	722127	
46.48	w11main1	79208	8.1168
33.74	w11main1	79208	
46.48	w11main1	79208	
41.45	w11main1	93494	9.1797
29.26	w11main1	93494	
15.09	w11main2	93494	
98.68	w11main1	760492	10.0218
98.68	w11main1	760492	
98.68	w11main1	760492	
63.36	w11main1	424042	10.0387
63.36	w11main1	424042	
63.36	w11main1	424042	
75.62	w11main2	56310	12.1048
15.67	w11main2	56310	
6.19	w11main2	56310	
48.88	w11main1	837133	14.2328
34.5	w11main1	837133	

Compound	CAS No.	Match Factor
Propane	74-98-6	928
Propane	74-98-6	927
Propane	74-98-6	917
Acetaldehyde	75-07-0	926
Formic acid, ethenyl ester	692-45-5	903
Formic acid, ethenyl ester	692-45-5	896
Methanol	67-56-1	974
Nitrogen oxide (NO)	10102-43-9	964
Methanol	67-56-1	955
3,4-Dihydro-2,2-dimethylfuran-2,5-dione	0-00-0	774
Oxetane, 3,3-dimethyl-	6921-35-3	772
3,4-Dimethyldihydro-2,5-furandione	7475-92-5	760
Cyclobutane	287-23-0	753
1-Butene	106-98-9	741
1-Propene, 3-(ethenyloxy)-	3917-15-5	734
Ethanol	64-17-5	940
Ethanol	64-17-5	910
Ethanol	64-17-5	910
2-Propanone	67-64-1	920
2-Propanone	67-64-1	920
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one	54889-59-7	884
2,2,2-Trichloroethyl acetate	625-24-1	814
1,3-Oxazolidine	504-76-7	766
Cyclobutylamine	2516-34-9	751
[(1S,2S)-2-phenylcyclopropyl]methanol	29667-46-7	920
(R)-2-phenyl-2,3-dihydropyridin-4(1H)-one	0-00-0	899
Ethyl 2,2-dimethyl-6-oxa-1-azabicyclo[3.1.0]hexan-4-yl carbonate	0-00-0	894
2,5-Dioxotetrahydro-3-furanyl acetate	59025-03-5	998
1-Triazene-1-carboxamide, 3,3-dimethyl-N-(1-methylethyl)-	88014-82-8	906
7,8-Dioxatricyclo[4.2.2.02,5]dec-9-en-3-ol, acetate	99140-92-8	887
Methane, bromochloro-	74-97-5	879
Methane, bromochloro-	74-97-5	868
Methane, bromochloro-	74-97-5	829
Acetic acid ethyl ester	141-78-6	904
Acetic acid ethyl ester	141-78-6	895
Acetic acid ethyl ester	141-78-6	887
Benzene, 1,2-difluoro-	367-11-3	892
Benzene, 1,4-difluoro-	540-36-3	878
Benzene, 1,4-difluoro-	540-36-3	867
2-Pentanone, 4-methyl-	108-10-1	851
2-Pentanone, 4-methyl-	108-10-1	840

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719008.D
Sample : Sample 13

Probablilty %	Library	Peak sum (TIC)	Retention time (mins)
91.64	w11main1	1051797	3.4213
91.64	w11main1	1051797	
91.64	w11main1	1051797	
59.28	w11main1	1307715	5.1889
21.65	w11main1	1307715	
21.65	w11main1	1307715	
53.98	w11main1	1844861	5.9281
38.11	w11main1	1844861	
53.98	w11main1	1844861	
19.32	w11main1	226315	5.94
17.82	w11main1	226315	
11.87	w11main1	226315	
24.39	w11main1	45956	6.0731
16.24	w11main1	45956	
12.44	w11main1	45956	
89.64	w11main1	58375408	6.2
89.64	w11main1	58375408	
89.64	w11main1	58375408	
53.31	w11main1	702775	6.324
53.31	w11main1	702775	
13.17	w11main1	702775	
56.35	w11main1	43527	6.8766
11.68	w11main1	43527	
7.07	w11main1	43527	
38	w11main1	60188	7.3126
16.16	w11main1	60188	
13.03	w11main1	60188	
85.55	w11main1	64304	7.344
7.16	w11main1	64304	
3.47	w11main1	64304	
98.67	w11main1	744545	7.5135
98.67	w11main1	744545	
98.67	w11main1	744545	
66.78	w11main1	430630	7.7516
66.78	w11main1	430630	
66.78	w11main1	430630	
50.54	w11main1	882430	7.7554
31.63	w11main1	882430	
31.63	w11main1	882430	
34.62	w11main1	318463	8.5706
34.62	w11main1	318463	

Compound

Tetradeuteroethene
Tetradeuteroethene
Tetradeuteroethene
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Formic acid, ethenyl ester
Acetic acid, trichloro-, propyl ester
Propane, 2-methyl-
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
Methanol
Nitrogen oxide (NO)
Methanol
2-Butene, (Z)-
(2E)-2-Butene
1-Butene
Piperidine, 1-(1-propenyl)-
o-Allylhydroxylamine
(5R)-1-[1-[(Butylamino)methyl]ethenyl]-2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
Propanenitrile, 2-hydroxy-2-methyl-
3,4-Heptanedione, 2,2,6-trimethyl-6-nitro-, 4-oxime
Valeraldehyde, 4,4-dimethyl-2-methylene-
4-tert-butyl-1-(trifluoromethyl)cyclohexanol
(+-)-(1R*,5R*,6R*,7S*,8R*,9R*10R*)-5-Acetyl-10-hydroxy-7,9-bis(methoxymethoxy)-8-methyl-bicyclo[4.4.0]decan-3-one
2-Hydroxy-2-methylmalonic acid
2-Propanol
2-Ethylheptanal
2,4,4-Trimethyl-1-penten-3-ol
2-Propen-1-ol, 2-methyl-
Pentane
Pentane
Pentane
Isobutyraldehyde
Isobutyraldehyde

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
683-73-8	915	82.63	w11main1	3293058
683-73-8	915	82.63	w11main1	3293058
683-73-8	871	82.63	w11main1	3293058
74-98-6	915	89.95	w11main1	1003710
74-98-6	915	89.95	w11main1	1003710
74-98-6	900	89.95	w11main1	1003710
75-07-0	919	60.32	w11main1	1251468
75-07-0	908	60.32	w11main1	1251468
692-45-5	886	15.79	w11main1	1251468
13313-91-2	834	34.2	w11main1	95760
75-28-5	822	22.78	w11main1	95760
6/8/4375	812	16.08	w11main2	95760
67-56-1	975	51.74	w11main1	1798587
10102-43-9	969	40.67	w11main1	1798587
67-56-1	955	51.74	w11main1	1798587
590-18-1	903	21.87	w11main1	175522
624-64-6	903	21.87	w11main1	175522
106-98-9	902	21.02	w11main1	175522
9/4/7182	768	30.72	w11main1	15564
6542-54-7	752	17.69	w11main1	15564
0-00-0	749	15.63	w11main1	15564
64-17-5	939	89.55	w11main1	40487255
64-17-5	909	89.55	w11main1	40487255
64-17-5	906	89.55	w11main1	40487255
67-64-1	895	52.27	w11main1	884376
67-64-1	884	52.27	w11main1	884376
75-86-5	866	14.81	w11main1	884376
61924-09-2	848	25.07	w11main1	96385
5375-28-0	845	22.15	w11main1	96385
120714-68-3	835	15.64	w11main1	96385
0-00-0	835	44.11	w11main2	206800
595-98-2	811	14.78	w11main1	206800
67-63-0	795	8.51	w11main1	206800
0-00-0	803	61.08	w11main1	25154
0-00-0	780	22.3	w11main1	25154
513-42-8	702	2.63	w11main1	25154
109-66-0	875	73.57	w11main1	108703
109-66-0	866	73.57	w11main1	108703
109-66-0	848	73.57	w11main1	108703
78-84-2	823	74.92	w11main1	11772
78-84-2	789	74.92	w11main1	11772

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719010.D
Sample : Sample 14

Retention time (mins)
3.4446
5.232
5.95
5.9698
6.098
6.2265
6.9
7.3338
7.3628
7.5334
7.7777
8.7048
8.7051
9.0218

Compound

Oxygen
Oxygen
Oxygen
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Formic acid, ethenyl ester
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
1-Tetrazol-2-ylethanone
Butanoic acid, 3-oxo-, 2-methylpropyl ester
Methanol
Methanol
Nitrogen oxide (NO)
(2E)-2-Butene
1-Butene
2-Butene, (Z)-
Ethanol
Ethanol
Ethanol
(Octahydro-7a-methylbenzofuran-6-yl) Formate
Propanenitrile, 2-hydroxy-2-methyl-
(4S)-4,5-Epoxy-2-pentanone
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Acetic acid, trichloro-, butyl ester
1,3,5-Triazine, 1,3,5-triethylhexahydro-
2-Propanol
2-Propanol
4-Penten-2-ol
Pentane
Pentane
Pentane
1-Propanol
1-Propanol
Formic acid, propyl ester
Sphinganine
5-Fluoro-2,2-dimethyl-4-propyl-5-trifluoromethyl-1,3-dioxane
6-O-Acetyl-1-O-ethylmannopyranoside
3-Methyl-3-tert-butyldimethylsiloxy-11-(prop-2-en-1-yloxy)-13-(1,1-dimethylheptyl)-2-oxatricyclo[8.4.0.0(4,9)]tetradeca·
Silanol, trimethyl-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
7782-44-7	942	77.47	w11main1	3614780
7782-44-7	942	77.47	w11main1	3614780
7782-44-7	942	77.47	w11main1	3614780
74-98-6	927	91.46	w11main1	1925488
74-98-6	927	91.46	w11main1	1925488
74-98-6	908	91.46	w11main1	1925488
75-07-0	915	59.27	w11main1	1613071
75-07-0	897	59.27	w11main1	1613071
692-45-5	886	16.79	w11main1	1613071
6/8/4375	856	59.4	w11main2	97150
51410-11-8	814	13.33	w11main1	97150
7779-75-1	798	7.67	w11main1	97150
67-56-1	981	71.07	w11main1	3333256
67-56-1	964	71.07	w11main1	3333256
10102-43-9	956	21.67	w11main1	3333256
107-01-7	926	25.44	w11main1	214796
106-98-9	921	20.5	w11main1	214796
590-18-1	910	14.06	w11main1	214796
64-17-5	934	88.26	w11main1	62564361
64-17-5	910	88.26	w11main1	62564361
64-17-5	905	88.26	w11main1	62564361
0-00-0	877	29.96	w11main1	1119367
75-86-5	870	22.95	w11main1	1119367
0-00-0	849	9.76	w11main1	1119367
0-00-0	778	35.16	w11main1	162723
7/6/3657	740	8.42	w11main1	162723
7779-27-3	737	7.44	w11main1	162723
67-63-0	874	51.72	w11main1	651484
67-63-0	866	51.72	w11main1	651484
625-31-0	855	25.11	w11main1	651484
109-66-0	931	77.59	w11main1	190761
109-66-0	931	77.59	w11main1	190761
109-66-0	929	77.59	w11main1	190761
71-23-8	771	60.15	w11main1	78499
71-23-8	743	60.15	w11main1	78499
110-74-7	721	12.24	w11main1	78499
0-00-0	813	10.36	w11main2	11206
0-00-0	813	10.36	w11main1	11206
0-00-0	813	10.36	w11main1	11206
0-00-0	860	3.7	w11main2	74284
1066-40-6	860	3.7	w11main1	74284

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719012.D
Sample : Sample 15

Retention time (mins)
5.2226
5.9387
6.2133
6.8859
7.321
7.3508
7.5207
7.7611
7.7627
9.1611
9.4251
9.4298
10.0075
10.027
12.0944

Compound

Propane
Propane
Propane
Acetaldehyde
Formic acid, ethenyl ester
Propanenitrile, 2-hydroxy-
1-Propene, 2-methyl-
1-Butene
1-Butene
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
Aziridine, 1-methyl-
Azetidine
Methane, isocyanato-
(+-)-(1R*,5R*,6R*,7S*,8R*,9R*10R*)-5-Acetyl-10-hydroxy-7,9-bis(methoxymethoxy)-8-methyl-bicyclo[4.4.0]decan-3-one
(+)-Lactic acid
(+)-Lactic acid
Butyne-1,4-diol
Propane, 2-methyl-
Propane, 1-chloro-2-methyl-
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
Acetic acid ethenyl ester
2-Butanone, 3-methyl-
2,3-Butanedione
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Benzenemethanol, 2-bromo-a-[[(1-methylethyl)amino]methyl]-5-nitro-, monohydrochloride
N,N-Diethyl-2-fluoro-3-hydroxy-3-(p-tolyl)-2-trifluoro-methylpropanamide
N,N-Diethyl-2-fluoro-3-hydroxy-3-(4-methoxyphenyl)-2-trifluoromethylpropanmide
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Propanoic acid, 2-oxo-
Propanoic acid, 2-oxo-
Acetic acid ethyl ester
Benzene, 1,2-difluoro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	940	91.61	w11main1	1235739
74-98-6	939	91.61	w11main1	1235739
74-98-6	917	91.61	w11main1	1235739
75-07-0	905	41.85	w11main1	932177
692-45-5	887	21.58	w11main1	932177
78-97-7	884	19.07	w11main1	932177
115-11-7	874	23.98	w11main1	192553
106-98-9	874	23.98	w11main1	192553
106-98-9	862	23.98	w11main1	192553
64-17-5	944	89.91	w11main1	23454223
64-17-5	918	89.91	w11main1	23454223
64-17-5	911	89.91	w11main1	23454223
67-64-1	952	64.27	w11main1	656056
67-64-1	948	64.27	w11main1	656056
54889-59-7	888	10.56	w11main1	656056
1072-44-2	827	63.51	w11main1	72930
503-29-7	756	9.04	w11main1	72930
624-83-9	746	6.38	w11main1	72930
0-00-0	914	59.28	w11main2	151195
79-33-4	865	12.17	w11main1	151195
50-21-5	865	12.17	w11main1	151195
0-00-0	742	75.15	w11main1	21749
75-28-5	861	36.97	w11main1	84924
513-36-0	844	20.18	w11main1	84924
6/8/4375	842	18.61	w11main2	84924
108-05-4	907	49.34	w11main1	49452
563-80-4	884	18.02	w11main1	49452
431-03-8	883	17.32	w11main1	49452
683-73-8	835	49.19	w11main1	507082
683-73-8	835	49.19	w11main1	507082
7782-44-7	832	43.47	w11main1	507082
56759-52-5	788	4.91	w11main2	11674
0-00-0	788	4.91	w11main2	11674
0-00-0	788	4.91	w11main2	11674
74-97-5	889	98.67	w11main1	728953
74-97-5	880	98.67	w11main1	728953
74-97-5	834	98.67	w11main1	728953
127-17-3	865	46.16	w11main1	142568
127-17-3	844	46.16	w11main1	142568
141-78-6	836	13.08	w11main1	142568
367-11-3	912	51.26	w11main1	846818

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719014.D
Sample : Sample 16

Retention time (mins)
5.2204
5.9409
5.9603
6.0774
6.2141
6.8895
7.3234
7.3561
7.522
7.7663
9.0127
9.156
9.165
9.4185

Compound	CAS No.	Match Factor
Propane	74-98-6	943
Propane	74-98-6	942
Propane	74-98-6	918
Acetaldehyde	75-07-0	903
Acetaldehyde	75-07-0	890
Acetaldehyde	75-07-0	883
Propane, 2-methyl-	75-28-5	898
Propane, 2-methyl-	75-28-5	879
Propane, 2-methyl-	75-28-5	879
Nitrogen oxide (NO)	10102-43-9	977
Methanol	67-56-1	951
Methanol	67-56-1	932
1-Propene, 2-methyl-	115-11-7	908
1-Propene, 2-methyl-	115-11-7	854
1-Propene, 2-methyl-	115-11-7	846
Ethanol	64-17-5	945
Ethanol	64-17-5	917
Ethanol	64-17-5	908
2-Propanone	67-64-1	880
2-Propanone	67-64-1	879
Propanenitrile, 2-hydroxy-2-methyl-	75-86-5	864
Di-tert-butylphosphine-D	40244-91-5	838
Valeraldehyde, 4,4-dimethyl-2-methylene-	5375-28-0	822
Propane, 2-methyl-2-nitro-	594-70-7	818
2-Propanol	67-63-0	820
4-Penten-2-ol	625-31-0	806
4-Penten-2-ol	625-31-0	805
Pentane	109-66-0	892
Pentane	109-66-0	883
Pentane	109-66-0	883
1-Methyl-1-(trimethylsilyl)-1-butanone	0-00-0	853
1,1-Dimethoxybutan-2-one	6342-57-0	790
6-Chloro-1,1-dimethoxy-2-hexanone	0-00-0	788
1H-Tetrazole	288-94-8	840
1H-Tetrazole	288-94-8	818
Cyclobutanone	1191-95-3	787
4-Bromo-5-azidooctane	0-00-0	853
1-(2-ethyl-2-oxiranyl)-2-propanone	0-00-0	829
4-pentene-2,3-dione	0-00-0	761
Hydrazoic acid	7782-79-8	867
2-Propanone	67-64-1	859

Probablilty %	Library	Peak sum (TIC)
91.99	w11main1	1685835
91.99	w11main1	1685835
91.99	w11main1	1685835
45.46	w11main1	919934
45.46	w11main1	919934
45.46	w11main1	919934
66.05	w11main1	73752
66.05	w11main1	73752
66.05	w11main1	73752
73.24	w11main1	1051679
21.94	w11main1	1051679
21.94	w11main1	1051679
62.34	w11main1	159970
62.34	w11main1	159970
62.34	w11main1	159970
90	w11main1	26861046
90	w11main1	26861046
90	w11main1	26861046
31.26	w11main1	683760
31.26	w11main1	683760
18	w11main1	683760
40.35	w11main1	79344
23.24	w11main1	79344
19.63	w11main1	79344
23.2	w11main1	579902
14.52	w11main1	579902
14.52	w11main1	579902
73.68	w11main1	116050
73.68	w11main1	116050
73.68	w11main1	116050
67.96	w11main1	66619
11.39	w11main1	66619
10.5	w11main1	66619
63.93	w11main1	8455
63.93	w11main1	8455
12.64	w11main1	8455
61.24	w11main1	102367
20.52	w11main1	102367
3.11	w11main1	102367
20.75	w11main1	575669
15.48	w11main1	575669

18.4023
21.2017

22.2513

22.2552

24.1255

Cyclotrisiloxane, hexamethyl-
Chlorobenzene-d5
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
1-Benzylcyclopentanecarbaldehyde
4',5'-Diazaspiro(cyclopropane-1,2'-tricyclo[4.3.0.0(3,7)]non-4'-ene
3-[3-(Benzyloxy)prop-2-enylidene]tetrahydrofuran-2-one
Pyridine, 2-(butoxymethyl)-
2-Thujene
Benzeneethan-ß-d-ol, a-methyl-, (R*,S*)-
Bis(2,6-dimethyl-4-methoxyphenyl)-(1-methyl)butylborane
11,12-Dihydro-5H,10H-5a,10-ethano-12-ethoxy-11,16b-methanodibenzo[3,4:8,9}cyclonona[1,2-b]naphtho[1,2-e]pyran-2
(1-ethyl-1-methyl-butyl)-bis(4-methoxy-2,6-dimethyl-phenyl)borane

541-05-9	853	47.09	w11main1	341132
3114-55-4	922	98.2	w11main1	934152
1072-85-1	880	35.39	w11main1	509934
1073-06-9	880	35.39	w11main1	509934
460-00-4	870	24.99	w11main1	509934
0-00-0	844	79.21	w11main1	26352
94348-09-1	783	13.79	w11main1	26352
0-00-0	746	3.35	w11main1	26352
89290-78-8	826	32.85	w11main1	26753
28634-89-1	825	31.58	w11main1	26753
80225-32-7	811	19.77	w11main1	26753
0-00-0	848	27.31	w11main2	68670
135144-09-1	838	19.28	w11main2	68670
0-00-0	820	9.94	w11main2	68670

12.1774

12.1859

12.1886

12.51

14.2269

14.2353

15.5931

18.4056
21.1953
21.2052

Benzene, 1,4-difluoro-	540-36-3	887
Pentane, 2,2,3-trimethyl-	564-02-3	740
Pentane, 2,2,3-trimethyl-	564-02-3	734
Pentane, 3-methyl-	96-14-0	727
trans-2,4-Dimethyltetrahydrofuran	39168-02-0	758
cis-2,4-Dimethyltetrahydrofuran	0-00-0	734
1-Pentanethiol, 2-methyl-	1633-89-2	862
O-hexylhydroxylamine	4665-68-3	750
Cyanic acid, 2-methylpropyl ester	1768-25-8	750
Acetic acid, trichloro-, 3-methylbutyl ester	57392-55-9	753
Hydroxylamine, O-(2-methylpropyl)-	5618-62-2	753
Heptane, 4-azido-	27126-22-3	752
(1E)-1-Propenyl propyl ether	3424-89-3	772
(1Z)-1-Propenyl propyl ether	14360-78-2	772
(1Z)-1-Propenyl propyl ether	14360-78-2	728
Acetic acid, 2-propenyl ester	591-87-7	839
2-Heptanone, 5-methyl-	18217-12-4	828
Propane, 2-nitro-	79-46-9	826
1,3,5-Cycloheptatriene	544-25-2	909
Benzene, methyl-	108-88-3	906
1,3,5-Cycloheptatriene	544-25-2	899
Chlorobenzene-d5	3114-55-4	932
Diisopropyl [(3-isopropyl-2H-azirin-2-yl)methyl]phosphonate	0-00-0	717
Benzene, 1-bromo-4-fluoro-	460-00-4	878
Benzene, 1-bromo-2-fluoro-	1072-85-1	866
Benzene, 1-bromo-3-fluoro-	1073-06-9	866

28.63	w11main1	1071420	9.2946
17.96	w11main1	39858	
17.96	w11main1	39858	
11.6	w11main1	39858	9.9981
64.26	w11main1	45160	
21.53	w11main1	45160	
74.41	w11main1	193909	10.0065
4.64	w11main1	193909	
4.64	w11main1	193909	
8.82	w11main1	209829	10.0097
8.82	w11main1	209829	
8.47	w11main1	209829	
35.26	w11main1	12417	10.1995
35.26	w11main1	12417	
35.26	w11main1	12417	12.0899
20.56	w11main1	170272	
14.1	w11main1	170272	
13	w11main1	170272	12.1773
27.78	w11main1	4146675	
24.54	w11main1	4146675	
27.78	w11main1	4146675	12.2884
98.49	w11main1	915086	
79.3	w11main1	38796	
41.43	w11main1	494586	12.4998
27.59	w11main1	494586	
27.59	w11main1	494586	
			14.2086
			14.2089
			15.5944
			17.8309
			17.8395
			18.0388
			18.0423
			18.3987

Propane, 2-nitro-
Propane, 1-nitro-
Propane, 2-nitro-
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
L-Alanine
4-(2-Amino-1-hydroxyethyl)-1,2-benzenediol
L-Alanine, ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
2-ketopropionic acid ethyl ester
Dihydroxy acetone
(S)-1,2,4-Butanetriol 1,4-diacetate
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
O-hexylhydroxylamine
Hexane, 2-methyl-
Hexane, 2-methyl-
1,5-Hexadiene, 1-fluoro-, (E)-
N-n-Butyl-N'-n-pentyldiazene
4,4,6-trimethyl-1,3,2-dioxathiane 2-oxide
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
5-Nonanone
3-Phosphinoacrylonitrile
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
6-(1',2'-Dihydroxypropyl)-1-methylpteridine-2,4-dione
1-[4'-(Hydroxybenzyl]-5,6-dimethoxy-7-hydroxy-1,2,3,4-tetrahydro-isoquinoline
1-[4'-(Hydroxybenzyl]-6,7-dimethoxy-5-hydroxy-1,2,3,4-tetrahydro-isoquinoline
Benzoic acid, 3-formyl-2,4-dimethoxy-6-methyl-, 4-carboxy-3-hydroxy-2,5-dimethylphenyl ester
7-chloranyl-3,3-dimethyl-2,9b-dihydro-[1,3]oxazolo[2,3-a]isoindol-5-one
Benzoic acid, 3-[(2,4-dimethoxy-6-propylbenzoyl)oxy]-2-hydroxy-4-methoxy-6-propyl-
1-Nonoxy-2-propanol
Octyl (t-Butyl) Carbonate
5-(1-Dimethylaminoethylidene)cyclopenta-1,3-dienyl]hydroxyacetic acid ethyl ester
Hexane, 2-bromo-
Octane
Octane
Chlorobenzene-d5

79-46-9	952	85.13	w11main1	25021
108-03-2	876	10.72	w11main1	25021
79-46-9	867	85.13	w11main1	25021
74-97-5	896	98.67	w11main1	905819
74-97-5	885	98.67	w11main1	905819
74-97-5	836	98.67	w11main1	905819
56-41-7	766	15.46	w11main1	110081
51-41-2	764	14.26	w11main1	110081
3082-75-5	756	10.63	w11main1	110081
141-78-6	853	44.5	w11main1	1786434
141-78-6	848	44.5	w11main1	1786434
617-35-6	845	33.19	w11main1	1786434
0-00-0	868	80.46	w11main1	56791
76282-46-7	827	18.36	w11main1	56791
367-11-3	898	43.09	w11main1	1020258
540-36-3	893	34.73	w11main1	1020258
540-36-3	885	34.73	w11main1	1020258
4665-68-3	821	28.08	w11main1	427904
591-76-4	820	26.99	w11main1	427904
591-76-4	817	26.99	w11main1	427904
107557-13-1	765	49.22	w11main1	65498
0-00-0	747	25.38	w11main1	65498
0-00-0	708	5.98	w11main1	65498
589-34-4	835	31.25	w11main1	405623
589-34-4	834	31.25	w11main1	405623
589-34-4	814	31.25	w11main1	405623
502-56-7	732	58.77	w11main1	73721
0-00-0	704	16.97	w11main1	73721
108-10-1	880	33.72	w11main1	998329
0-00-0	878	31.1	w11main1	998329
108-10-1	867	33.72	w11main1	998329
544-25-2	891	18.4	w11main1	396981
544-25-2	888	18.4	w11main1	396981
544-25-2	885	18.4	w11main1	396981
0-00-0	817	37.18	w11main1	14214
0-00-0	812	29.97	w11main2	14214
0-00-0	806	23.55	w11main2	14214
125304-79-2	805	7.58	w11main2	96717
0-00-0	805	7.58	w11main1	96717
69563-42-4	799	5.95	w11main2	96717
13320-37-1	773	52.93	w11main1	39114
0-00-0	709	8.69	w11main1	39114
0-00-0	707	8.02	w11main1	39114
3377-86-4	850	22.51	w11main1	297246
111-65-9	848	20.77	w11main1	297246
111-65-9	839	20.77	w11main1	297246
3114-55-4	900	98.45	w11main1	850767

10.0309

12.1061

12.1901

12.1929

12.2985

12.5147

14.2261

15.6055

18.0465

18.4058
19.5496

19.553

21.195

21.2036

21.9008

22.2549

Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
(R)-and-(S)-4-Bromomethyl-dihydrofuran-2-one
1,6-Octadien-3-ol, 7-methyl-3-(trifluoromethyl)-
2-methyl-2-[(2R)-2-oxiranyl]-3-pentanone
Pentane, 2,4-dimethyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
N-Butoyl-6-hydroxyhexanamide
(3R,6S)-3-isobutyl-6-isopropyl-3-methyl-5-phenyl-3,6-dihydro-2H-1,4-oxazin-2-one
Propane, 2-nitro-
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
Butanoic acid, 3-oxo-, 2-propenyl ester
Tricyclo[4.1.0.0(2,7)]hept-3-ene
(4E)-hepta-1,2,4,6-tetraene
[(E)-3-chloranylprop-2-enoxy]methylbenzene
Heptane, 2,4-dimethyl-
Heptane, 2,3-dimethyl-
Hexane, 2,3,4-trimethyl-
Chlorobenzene-d5
Hexane, 3-ethyl-4-methyl-
Heptane, 3,4-dimethyl-
1-Butanol, 2-methyl-, propanoate
Hexane, 3-ethyl-
Hexane, 3-ethyl-
Heptane, 2,3-dimethyl-
1-(3,5-dichloro-4-pyridinyl)ethanone
N-(2,6-dichlorophenyl)-N-methyl-nitrous amide
Benzaldehyde, 3,4-dichloro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
4,5,6,6a,7a,6-hexahydrooxireno[4.5]cycloocta[1,2-d][1,2,3]-selenodiazol
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid
3,3-Di-2-propenyl-2,2-dioxide-1,2-oxathiolane
3-Thujene
3-Thujene
a-phellandrene (only name in Wiley6)

74-97-5	818	98.69	w11main1	940475
141-78-6	900	65.5	w11main1	1077837
141-78-6	900	65.5	w11main1	1077837
141-78-6	888	65.5	w11main1	1077837
367-11-3	910	56.79	w11main1	1094113
540-36-3	890	25.87	w11main1	1094113
540-36-3	879	25.87	w11main1	1094113
0-00-0	782	60.46	w11main1	41423
69856-62-8	752	16.8	w11main1	41423
0-00-0	719	4.4	w11main1	41423
108-08-7	854	39.69	w11main1	213062
591-76-4	840	24.84	w11main1	213062
591-76-4	840	24.84	w11main1	213062
0-00-0	830	45.83	w11main1	26484
0-00-0	815	27.77	w11main1	26484
79-46-9	767	5.75	w11main1	26484
589-34-4	849	45.81	w11main1	212144
589-34-4	838	45.81	w11main1	212144
589-34-4	831	45.81	w11main1	212144
0-00-0	846	40.4	w11main1	586054
108-10-1	832	25.29	w11main1	586054
1118-84-9	828	21.37	w11main1	586054
35618-58-7	965	42.53	w11main1	58570
69961-24-6	948	23.21	w11main1	58570
108788-75-6	902	4.9	w11main1	58570
2213-23-2	872	40.83	w11main1	625884
3074-71-3	829	9	w11main1	625884
921-47-1	825	7.61	w11main1	625884
3114-55-4	893	98.31	w11main1	891859
3074-77-9	822	58.66	w11main1	35993
922-28-1	803	28.48	w11main1	35993
2438-20-2	738	4.58	w11main1	35993
619-99-8	839	30.01	w11main1	161022
619-99-8	830	30.01	w11main1	161022
3074-71-3	828	20.59	w11main1	161022
0-00-0	738	36.25	w11main1	67491
0-00-0	728	25.59	w11main1	67491
6287-38-3	714	16.02	w11main1	67491
1073-06-9	874	38.11	w11main1	688884
460-00-4	871	33.67	w11main1	688884
1072-85-1	866	27.14	w11main1	688884
106543-66-2	842	44.44	w11main1	91269
53292-20-9	836	34.93	w11main1	91269
75732-42-2	768	5.29	w11main1	91269
5/2/2867	812	16.96	w11main1	320179
5/2/2867	809	16.96	w11main1	320179
1329-99-3	806	13.33	w11main1	320179

9.2022

9.304

10.0073

10.0176

10.0252

10.1999

12.0983

12.1855

12.296

12.2961

12.5065

13.3737

13.3763

14.2081

14.21

1-Dimethoxymethyl-5-methyl-8-oxabicyclo[3.2.1]oct-6-en-3-one	0-00-0	908
Methyl 5,5-dimethoxy-4-oxopentanoate	66318-58-9	868
1-Chlorobutylacetate	0-00-0	823
(Z,Z)-1,4-Diacetoxy-1,6-dicyano-1,5-hexadiene	139131-45-6	823
N,N'-Ethylenebis(N-nitroacetamide)	922-89-4	765
2-Propen-1-ol, 2-methyl-, acetate	820-71-3	845
2,2,2-Trichloroethyl acetate	625-24-1	771
3-Nitro-1-butene	0-00-0	747
Methane, bromochloro-	74-97-5	891
Methane, bromochloro-	74-97-5	882
Methane, bromochloro-	74-97-5	825
Acetic acid ethyl ester	141-78-6	915
Acetic acid ethyl ester	141-78-6	913
Acetic acid ethyl ester	141-78-6	912
Sulfur diimide, bis[bis(1,1-dimethylethyl)bismuthino]-	91173-33-0	761
methyl N-(1,1-dimethylethyl)ethanimidate N-oxide	118891-57-9	760
Propane, 2-methyl-1-(propylthio)-	1741-84-0	714
Propanal, 3-ethoxy-	2806-85-1	808
Ethanol	64-17-5	792
Ethanol	64-17-5	762
Benzene, 1,2-difluoro-	367-11-3	895
Benzene, 1,4-difluoro-	540-36-3	890
Benzene, 1,3-difluoro-	372-18-9	883
Hexane, 2-methyl-	591-76-4	886
Hexane, 2-methyl-	591-76-4	868
Hexane, 2-methyl-	591-76-4	852
2-Hexene, 5-methyl-, (E)-	7385-82-2	727
Cyclobutane, ethyl-	4806-61-5	718
Methylcyclopropane	594-11-6	707
Ethyl 5-methyl-4-oxo-2-(trifluoromethyl)hexanoate	0-00-0	888
2-Octanone, 1-nitro-	16067-01-9	843
3-Nitro-2-pentanol	5447-99-4	813
Hexane, 3-methyl-	589-34-4	883
Heptane	142-82-5	875
Hexane, 3-methyl-	589-34-4	873
N-(Propa-1,2,dien-1-yl)azomethane	0-00-0	833
2-acetyl-4-pentenoic acid prop-2-ynyl ester	0-00-0	805
2-Propenal, 3-(2-furanyl)-	623-30-3	768
Butane, 2-methyl-	78-78-4	728
Hydroxylamine, O-(2-methylpropyl)-	5618-62-2	727
Butane, 2-methyl-	78-78-4	719
1-(t-Butylperoxy)-1-(4',4'-dichlorobutyl)cyclopentane	0-00-0	745
3,7-Dimethyl-5-oxooc-1-ene	1879-00-1	729
3-Methylbut-3-en-2-ol	0-00-0	710
2-Pentanone, 4-methyl-	108-10-1	876
2-Pentanone, 4-methyl-	108-10-1	866
2-[(4-Fluoranylphenoxy)methyl]oxirane	0-00-0	864

25.36	w11main1	66338	
5.88	w11main1	66338	9.4134
17.29	w11main1	269751	
17.29	w11main1	269751	
3.18	w11main1	269751	9.987
74.21	w11main1	35791	
9.87	w11main1	35791	
3.31	w11main1	35791	9.9996
98.55	w11main1	973299	
98.55	w11main1	973299	
98.55	w11main1	973299	10.2538
74.23	w11main1	2826439	
74.23	w11main1	2826439	
74.23	w11main1	2826439	10.7367
35.7	w11main2	81311	
34.31	w11main1	81311	
7.24	w11main1	81311	10.9093
53.19	w11main1	87054	
30.63	w11main1	87054	
30.63	w11main1	87054	11.7799
40.91	w11main1	940833	
32.97	w11main1	940833	
25.26	w11main1	940833	12.0608
63.8	w11main1	964270	
63.8	w11main1	964270	
63.8	w11main1	964270	12.1501
15.35	w11main1	121620	
11.14	w11main1	121620	
7.64	w11main1	121620	12.2576
74.78	w11main1	144361	
15.92	w11main1	144361	
4.42	w11main1	144361	12.4671
33.59	w11main1	976074	
25.06	w11main1	976074	
33.59	w11main1	976074	13.3307
64.33	w11main1	33495	
18.57	w11main1	33495	
4.52	w11main1	33495	14.1754
15.46	w11main1	42031	
14.86	w11main1	42031	
15.46	w11main1	42031	15.5635
40.85	w11main1	70411	
23.52	w11main1	70411	
11.42	w11main1	70411	17.8253
38.23	w11main1	1558410	
38.23	w11main1	1558410	
25.46	w11main1	1558410	18.0192

Hydroxylamine, O-pentyl-
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Ethyl 4-(adamantan-1-yl)benzoate
Acetic acid ethyl ester
Methane, nitroso-
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
Diethylborinic acid
2,2-dimethylpropanoic acid 2-methylpropyl ester
Decane, 2,2-dimethyl-
Butane, 2,2,3-trimethyl-
Decane, 5-methyl-
Butane, 2,2,3-trimethyl-
2-But-1-enyltetrahydrofuran
1-Propene, 3-(ethenyloxy)-
4-Pentenoic acid
Benzene, 1,2-difluoro-
Benzene, 1,3-difluoro-
Benzene, 1,4-difluoro-
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
Peroxide, dibutyl
Heneicosane, 11-(2,2-dimethylpropyl)-
1-Hexene, 5-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
3-(Difluoromethyl)heptane
Hydroxylamine, O-(2-methylpropyl)-
(CH3)2CHCH2ONO
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-Hexanone
5-Benzyloxy-4-tert-butyl-2-methyl-2-nonene
1-Benzyl-5-[4-(trifluoromethyl)phenyl]tetrazole
2-Benzyl-5-[4-(trifluoromethyl)phenyl]tetrazole
7-chloranyl-3,3-dimethyl-2,9b-dihydro-[1,3]oxazolo[2,3-a]isoindol-5-one
2-chloranyl-7-methoxy-3-methyl-quinoline
5-(4-Methylphenoxy)methyl-2-amino-1,3,4-thiadiazoles
Heptane, 2,4-dimethyl-

5963-74-6	805	12.32	w11main1	612633
683-73-8	880	50.65	w11main1	568970
683-73-8	880	50.65	w11main1	568970
7782-44-7	876	42.79	w11main1	568970
74-97-5	942	98.79	w11main1	7041434
74-97-5	930	98.79	w11main1	7041434
74-97-5	928	98.79	w11main1	7041434
141-78-6	868	45.27	w11main1	4252282
0-00-0	864	38.24	w11main1	4252282
141-78-6	858	45.27	w11main1	4252282
865-40-7	878	8.56	w11main1	8277
0-00-0	863	5.19	w11main1	8277
0-00-0	863	5.19	w11main1	8277
4426-31-7	807	51.05	w11main1	36102
5129-38-4	778	14.46	w11main1	36102
17302-37-3	767	9.92	w11main1	36102
464-06-2	853	23.95	w11main1	125983
13151-35-4	845	17.87	w11main1	125983
464-06-2	843	23.95	w11main1	125983
0-00-0	786	43.26	w11main1	25843
3917-15-5	772	27.08	w11main1	25843
591-80-0	741	7.38	w11main1	25843
367-11-3	886	43.69	w11main1	6432643
372-18-9	875	29.97	w11main1	6432643
540-36-3	871	25.32	w11main1	6432643
591-76-4	903	63.75	w11main1	1196455
591-76-4	886	63.75	w11main1	1196455
591-76-4	878	63.75	w11main1	1196455
3849-34-1	792	15.5	w11main1	280146
55282-10-5	781	10.63	w11main2	280146
3524-73-0	772	7.72	w11main1	280146
589-34-4	850	25.93	w11main1	1170625
589-34-4	836	25.93	w11main1	1170625
589-34-4	832	25.93	w11main1	1170625
0-00-0	827	33.42	w11main1	100313
5618-62-2	824	29.53	w11main1	100313
542-56-3	806	15.23	w11main1	100313
108-10-1	893	44.45	w11main1	1460817
108-10-1	885	44.45	w11main1	1460817
591-78-6	874	21.58	w11main1	1460817
0-00-0	962	1	w11main2	23055
0-00-0	962	1	w11main2	23055
0-00-0	962	1	w11main2	23055
0-00-0	868	27.82	w11main1	64664
0-00-0	853	16.85	w11main1	64664
0-00-0	846	12.91	w11main1	64664
2213-23-2	882	41.01	w11main1	1208730

9.1969

10.0008

10.0122

12.0952

12.1824

12.2938

12.5041

14.2135

15.5995

17.8413

18.0365
18.0384

18.3997
19.5466

20.3676

21.1665

21.1878

Pentane
Pentane, 2-methyl-
Pentane, 2-methyl-
Acetic acid, trichloro-, pentyl ester
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
1-Pentanethiol, 2-methyl-
2-Hexene, 5-methyl-, (E)-
Cyclobutane, ethyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Butanone, 3,3-dimethyl-1-(methylsulfonyl)-, O-[(methylamino)carbonyl]oxime
[1-(benzoxymethyl)cyclohexa-2,5-dien-1-yl]methanol
3-Benzyloxy-1-bromo-propane
Benzoic acid, 3-formyl-2,4-dimethoxy-6-methyl-, 4-carboxy-3-hydroxy-2,5-dimethylphenyl ester
Perylene (pentaoxo)derivative
3-Chloro-1,8,8-trimethyl-6-oxo-2,7-diazabicyclo-[3.2.1]oct-3-ene-4,5-dicarbonitrile
3-Cyclopenten-1-ol
Heptane, 2,4-dimethyl-
Octane
Heptane, 2,4-dimethyl-
Chlorobenzene-d5
Hexane, 3-ethyl-
Hexane, 3-ethyl-
Octane, 4-methyl-
Ethanethioic acid, S-bicyclo[2.2.1]hept-2-en-7-yl ester, anti-
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid
4-brombicyclo[3.1.1]hept-2-en
(3aS,6aR)-5-methyl-3,3a,6,6a-tetrahydro-2H-pentalen-1-one
1,1-Di(cyclobutyl)cyclobutane
1,2-Benzenediamine, N(1)-(phenylmethyl)-
5-endo-(Phenylsulfonyl)-5-exo-methylbicyclo[2.2.2]oct-2-ene
7-(1-Chlorovinyl)bicyclo[4.1.0]heptane

109-66-0	880	74	w11main1	180165
107-83-5	872	35.23	w11main1	536861
107-83-5	868	35.23	w11main1	536861
33972-81-5	867	28.4	w11main1	536861
74-97-5	880	98.61	w11main1	962364
74-97-5	868	98.61	w11main1	962364
74-97-5	817	98.61	w11main1	962364
141-78-6	879	70.28	w11main1	1774469
141-78-6	872	70.28	w11main1	1774469
141-78-6	843	70.28	w11main1	1774469
367-11-3	917	64.72	w11main1	1061149
540-36-3	892	19.74	w11main1	1061149
540-36-3	886	19.74	w11main1	1061149
591-76-4	872	58.71	w11main1	679510
591-76-4	870	58.71	w11main1	679510
591-76-4	857	58.71	w11main1	679510
1633-89-2	904	81.57	w11main1	142085
7385-82-2	786	4.52	w11main1	142085
4806-61-5	785	4.35	w11main1	142085
589-34-4	883	61.71	w11main1	565465
589-34-4	871	61.71	w11main1	565465
589-34-4	866	61.71	w11main1	565465
108-10-1	893	43.7	w11main1	894824
108-10-1	891	43.7	w11main1	894824
0-00-0	882	29.98	w11main1	894824
39184-59-3	920	17.63	w11main1	59253
74269-63-9	916	14.89	w11main1	59253
54314-84-0	912	12.58	w11main1	59253
125304-79-2	854	13.3	w11main2	23934
0-00-0	844	9.39	w11main2	23934
0-00-0	824	4.27	w11main1	23934
14320-38-8	702	10.04	w11main1	209090
2213-23-2	904	35.16	w11main1	1724846
111-65-9	872	9.39	w11main1	1724846
2213-23-2	871	35.16	w11main1	1724846
3114-55-4	895	98.72	w11main1	896785
619-99-8	897	43.86	w11main1	660031
619-99-8	874	43.86	w11main1	660031
2216-34-4	856	10	w11main1	660031
55883-39-1	762	26.83	w11main1	40556
53292-20-9	761	25.79	w11main1	40556
87031-11-6	745	14.85	w11main1	40556
109613-22-1	825	45.18	w11main1	30043
0-00-0	766	8.16	w11main1	30043
0-00-0	752	5.11	w11main1	30043
127311-34-6	764	25.47	w11main1	130865
0-00-0	755	18.49	w11main1	130865

8.672

9.1911

9.1941
9.2951
9.4128

9.9968

10.0058

10.0171

10.0265

10.1834

10.1843

10.9258

11.8135

12.0903

12.1786

12.1786

12.2886

12.4906

Isobutyraldehyde
Trideuteroethene
Trideuteroethene
Methylamine
Oxirane, ethyl-
Oxirane, ethyl-
Oxirane, ethyl-
2,5-Bis(tetrahydrofuran)
o-Allylhydroxylamine
2,2,2-Trichloroethyl acetate
2-Butanone
Acetic acid, anhydride
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Methane, isocyanato-
Methane, isocyanato-
Azetidine
2-Iodo-(N,N,N',N'-tetrakis(isopropyl)-ferrocene)-1,1'-dicarboxamide
Methyl (7S,10S,13S)-10-(4'-Phthalimidobutyl)-7-{[(benzyloxy)carbonyl]amino}-8,11-dioxo-19-oxa-9,12,17-triazatricyclo[1
Methanol, (methyl-onn-azoxy)-, acetate (ester)
2-(4-keto-2-thiazolin-2-yl)acetamide
Ethanol
Ethanol
Ethanol
1-Pentanethiol, 2-methyl-
1-Pentene, 4-methyl-
1-Pentene, 4-methyl-
1,3,9-Trioxaspiro[5.5]undecane
2-Butanethiol, 2-methyl-
Disulfide, bis(2,2-dimethylpropyl)
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,3-difluoro-
(Z)-2-Chloro-2-butenol
2-Butene-1,4-diol, (Z)-
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
1-Pentanethiol, 2-methyl-
Cyclobutane, ethyl-
1-Pentene, 4-methyl-
(R)-ß-Propyl-.gama.-butyrolactine
Octyl chloroacetate

78-84-2	852	78.44	w11main1	57762
1/5/2680	791	45.32	w11main1	3223
1/5/2680	791	45.32	w11main1	3223
74-89-5	779	30.18	w11main1	3223
106-88-7	806	66.09	w11main1	105685
106-88-7	797	66.09	w11main1	105685
106-88-7	779	66.09	w11main1	105685
1592-33-2	730	42.21	w11main1	89122
6542-54-7	738	85.42	w11main1	23554
625-24-1	904	29.35	w11main1	90389
78-93-3	887	16.02	w11main1	90389
108-24-7	862	4.88	w11main1	90389
74-97-5	876	98.52	w11main1	921536
74-97-5	873	98.52	w11main1	921536
74-97-5	833	98.52	w11main1	921536
141-78-6	939	86.32	w11main1	3683893
141-78-6	938	86.32	w11main1	3683893
141-78-6	938	86.32	w11main1	3683893
624-83-9	773	38.84	w11main1	21562
624-83-9	766	38.84	w11main1	21562
503-29-7	748	11.84	w11main1	21562
0-00-0	802	78.84	w11main2	53879
0-00-0	743	14.25	w11main2	53879
592-62-1	794	81.76	w11main1	61044
87947-93-1	717	9.97	w11main1	61044
64-17-5	866	69.27	w11main1	245260
64-17-5	854	69.27	w11main1	245260
64-17-5	834	69.27	w11main1	245260
1633-89-2	809	31.77	w11main1	103070
691-37-2	804	25.6	w11main1	103070
691-37-2	803	25.6	w11main1	103070
429-36-7	971	80.7	w11main1	62911
1679-09-0	898	10.99	w11main1	62911
37552-63-9	873	3.35	w11main1	62911
367-11-3	904	56.77	w11main1	1058337
540-36-3	883	24.15	w11main1	1058337
372-18-9	875	18.01	w11main1	1058337
0-00-0	709	43.37	w11main1	41049
6117-80-2	703	34.09	w11main1	41049
591-76-4	868	50.02	w11main1	1402969
591-76-4	856	50.02	w11main1	1402969
591-76-4	854	50.02	w11main1	1402969
1633-89-2	864	45.71	w11main1	381927
4806-61-5	854	32.27	w11main1	381927
691-37-2	790	5.3	w11main1	381927
0-00-0	833	72.36	w11main1	136230
5451-98-9	781	14.45	w11main1	136230

8.5716

8.8214

9.1558

9.4079

9.4143

10.0001

10.0115

10.0265

10.1972

10.9259

11.6902

12.0893

12.1751

12.1797

12.2831

2-(hydroxymethyl)-N,N-bis(1-propylbutyl)naphthalene-1-carboxamide
[(4-Iodopentan-2-yloxy)bis(trimethylsilyl)silyl]trimethylstannane
Isobutyraldehyde
2-[13C]-2-Tetrahydrofuryl-methanol
Isobutyraldehyde
2-Butenal, (Z)-
(5E)-2,2-Dimethyl-4-oxaocta-5,7-dienal
2-Propenal, 2-methyl-
1,10-Secocholestan-1-al, 10-hydroxy-, (5ß)-
1-(2-ethyl-2-oxiranyl)-2-propanone
2,4-Pentanedione, 3,3-di-2-octenyl-, (E,E)-
4-Hexen-1-ol, 2,2,4-trimethyl-, (E)-
1,2-Oxathiolane, 3-methyl-, 2,2-dioxide
2-Propenoic acid
4-methyl-3-oxolanone
Pentanal, 4-oxo-
2,2,2-Trichloroethyl acetate
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
(4R,5S)-Diphenyl-3-(3-phenyl-2(E)-propenoyl)-2-oxazolidinone
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-
2-Iodo-(N,N,N',N'-tetrakis(isopropyl)-ferrocene)-1,1'-dicarboxamide
Ethanol
Ethanol
Ethanol
Propane, 2-nitro-
Propane, 1-nitro-
Propane, 2-nitro-
3,4-hexadien-1-yne
Benzene
Benzene
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
2-Pyrrolidinone
2-Pyrrolidinone
2-Pyrrolidinone
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
Butane, 1-fluoro-
1-Pentanethiol, 2-methyl-
Butane, 1-isocyano-

0-00-0	923	25.2	w11main2	26057
0-00-0	900	9.2	w11main2	26057
78-84-2	833	72.69	w11main1	32509
0-00-0	796	17.69	w11main1	32509
78-84-2	787	72.69	w11main1	32509
15798-64-8	793	26.84	w11main1	31886
0-00-0	792	25.8	w11main1	31886
78-85-3	789	22.8	w11main1	31886
96616-67-0	864	46.87	w11main2	257612
0-00-0	843	19.93	w11main1	257612
80403-74-3	843	19.93	w11main2	257612
99679-64-8	932	83.79	w11main1	4830
1121-03-5	874	15.42	w11main1	4830
79-10-7	748	0.68	w11main1	4830
0-00-0	907	31.05	w11main1	233205
626-96-0	905	28.64	w11main1	233205
625-24-1	900	23.08	w11main1	233205
74-97-5	892	98.89	w11main1	861050
74-97-5	876	98.89	w11main1	861050
74-97-5	821	98.89	w11main1	861050
141-78-6	924	74.85	w11main1	1946019
141-78-6	923	74.85	w11main1	1946019
141-78-6	914	74.85	w11main1	1946019
0-00-0	725	42.78	w11main2	62416
311-89-7	721	36.14	w11main2	62416
0-00-0	701	16.46	w11main2	62416
64-17-5	952	95.07	w11main1	75835
64-17-5	906	95.07	w11main1	75835
64-17-5	890	95.07	w11main1	75835
79-46-9	943	84.3	w11main1	23791
108-03-2	871	11.74	w11main1	23791
79-46-9	859	84.3	w11main1	23791
0-00-0	751	55.69	w11main1	47127
71-43-2	725	16.68	w11main1	47127
71-43-2	725	16.68	w11main1	47127
367-11-3	918	61.75	w11main1	905491
540-36-3	897	26.27	w11main1	905491
540-36-3	879	26.27	w11main1	905491
616-45-5	739	42.31	w11main1	117455
616-45-5	738	42.31	w11main1	117455
616-45-5	730	42.31	w11main1	117455
591-76-4	804	17.74	w11main1	432329
591-76-4	802	17.74	w11main1	432329
591-76-4	794	17.74	w11main1	432329
2366-52-1	787	20.03	w11main1	96275
1633-89-2	781	15.74	w11main1	96275
2769-64-4	775	12.37	w11main1	96275

9.0124

9.1667

9.3094

10.0112

10.0263

10.0383

12.099

12.1871

12.5149

14.2213

15.6004

17.8439

18.0428

18.0481

18.405
18.4153
19.5543

21.2021

Silanol, trimethyl-
Silanol, trimethyl-
Silanol, trimethyl-
4-Bromo-5-azidooctane
1-(2-ethyl-2-oxiranyl)-2-propanone
2-Butanone, 3-methyl-
Isobutyraldehyde
2-[13C]-2-Tetrahydrofuryl-methanol
Isobutyraldehyde
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
(4R,5S)-Diphenyl-3-(3-phenyl-2(E)-propenoyl)-2-oxazolidinone
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
1,1-Cyclopropanedicarbonitrile, 2-methyl-2-propyl-
trans-2-(2,2-Dichloroethyl)-3-methyloxetane
cis-2-(2,2-Dichloroethyl)-3-methyloxetane
Longipinandiolone
2-Decenoic acid
1-Pentanethiol, 2-methyl-
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Cyclobutene, 2-propenylidene-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
2-Butanone, 1-bromo-3,3-dimethyl-
Dibromomethyl t-butylketone
3-Hexanone, 2,5-dimethyl-
Heptane, 4-azido-
Pyrrolidine, 3-methyl-
4-Methyl-1-octene
Chlorobenzene-d5
2-[4'-(2",2"-(ethylenedioxy)cyclohex-1"-ylmethyl)phenoxy]ethyl} N-ethylcarbamate
[(6Z)-2-methoxy-3,6-dimethyl-5,8,9,10-tetrahydrobenzocycloocten-10-yl]methanol
Isoxazole, 3-(3-butenyl)-5-methyl-
trans-(6R,7R)-Diydroxy-(3R)-isopropyl-(8aS)-methyl-1,2,3,4,6,7,8,8a-octahydronaphthalene-(1R)-carbonitrile
Benzene, 1-bromo-3-fluoro-

1066-40-6	921	80.17	w11main1	71764
1066-40-6	894	80.17	w11main1	71764
1066-40-6	866	80.17	w11main1	71764
0-00-0	789	22.3	w11main1	229671
0-00-0	774	13.51	w11main1	229671
563-80-4	770	11.42	w11main1	229671
78-84-2	831	65.59	w11main1	94835
0-00-0	805	19.65	w11main1	94835
78-84-2	774	65.59	w11main1	94835
74-97-5	882	98.7	w11main1	772950
74-97-5	876	98.7	w11main1	772950
74-97-5	825	98.7	w11main1	772950
141-78-6	877	57.07	w11main1	817280
141-78-6	861	57.07	w11main1	817280
141-78-6	858	57.07	w11main1	817280
0-00-0	744	53.92	w11main2	78036
311-89-7	730	33.75	w11main2	78036
367-11-3	907	56.1	w11main1	934670
540-36-3	887	25.55	w11main1	934670
540-36-3	882	25.55	w11main1	934670
16738-88-8	744	20.33	w11main1	35388
0-00-0	733	13.95	w11main1	35388
0-00-0	726	10.68	w11main1	35388
0-00-0	847	45.09	w11main1	93798
3913-85-7	826	19.18	w11main1	93798
1633-89-2	809	10.46	w11main1	93798
108-10-1	881	46.12	w11main1	608261
108-10-1	874	46.12	w11main1	608261
0-00-0	873	34.4	w11main1	608261
544-25-2	863	11.6	w11main1	219842
544-25-2	855	11.6	w11main1	219842
52097-85-5	853	8.19	w11main1	219842
541-05-9	924	75.54	w11main1	219577
541-05-9	913	75.54	w11main1	219577
541-05-9	890	75.54	w11main1	219577
5469-26-1	824	55.73	w11main1	37550
0-00-0	766	10.26	w11main1	37550
1888-57-9	766	10.26	w11main1	37550
27126-22-3	805	14.44	w11main1	124895
34375-89-8	793	9.62	w11main1	124895
13151-12-7	791	8.87	w11main1	124895
3114-55-4	871	98.62	w11main1	739761
0-00-0	711	73.14	w11main2	85861
0-00-0	874	37.49	w11main1	70241
130628-72-7	864	26.47	w11main1	70241
0-00-0	846	13.65	w11main1	70241
1073-06-9	882	40.87	w11main1	585591

10.0282

10.1969

12.0989

12.1865

12.5061

12.5118

14.2213

15.5959

18.4039
21.201

22.2529

23.7348

24.3441
24.3471

25.3862

25.9272

26.7897

26.7913

Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Ethanol
Ethanol
Propanal, 3-ethoxy-
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,2-difluoro-
2-Octanone, 1-nitro-
Propane, 2-methyl-
Ethyl 5-methyl-4-oxo-2-(trifluoromethyl)hexanoate
Ethane, isocyanato-
Ethane, isocyanato-
Ethane, isocyanato-
Hydroxylamine, O-(3-methylbutyl)-
(Z)-2-(2-Hydroxyethyl)-1-(but-1-enyl)cyclopropanol
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
1,3,5-Cycloheptatriene
Benzene, methyl-
Benzene, methyl-
Chlorobenzene-d5
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
Cyclopropanecarboxylic acid, 2-(1,3-butadienyl)-, ethyl ester, [1a,2ß(E)]-
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
(R)-7-Benzenesulfonyl-2-methoxy-bicyclo[4.1.0]heptane
(3R)-3-(4'-Methylenecyclohex-2'-en-1'-yl)-butanenitrile
Ethanethioic acid, S-bicyclo[2.2.1]hept-2-en-7-yl ester, anti-
Cyclopentene, 3-propylidene-, (Z)-
Butane, 1-isocyano-
Hexane, 2,2-dimethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Valeraldehyde, 4,4-dimethyl-2-methylene-
Silane, trichloro(1,1-dimethylethyl)-
Acetonitrile, [(1,1-dimethylethyl)imino]-, N-oxide, (Z)-
Hexane, 2,3,4-trimethyl-
3-Methyl-1-azidobutan-2-one
1-Methylbutyl nitrite
Pentane, 1,3-epoxy-4-methyl-
4-Heptanone, 3-methyl-
(S)-6-Chloro-1,2-epoxyhexane
(S)-6-Bromo-1,2-epoxyhexane

141-78-6	746	60.69	w11main1	868192
141-78-6	726	60.69	w11main1	868192
141-78-6	723	60.69	w11main1	868192
64-17-5	827	54.42	w11main1	42697
64-17-5	809	54.42	w11main1	42697
2806-85-1	804	19.87	w11main1	42697
367-11-3	901	67.52	w11main1	788988
540-36-3	875	20.23	w11main1	788988
367-11-3	862	67.52	w11main1	788988
16067-01-9	823	18.4	w11main1	123426
75-28-5	820	16.26	w11main1	123426
0-00-0	818	15	w11main1	123426
109-90-0	758	50.73	w11main1	22243
109-90-0	757	50.73	w11main1	22243
109-90-0	745	50.73	w11main1	22243
19411-65-5	710	29.13	w11main1	32781
0-00-0	701	21.15	w11main1	32781
108-10-1	879	52.29	w11main1	522531
108-10-1	870	52.29	w11main1	522531
0-00-0	857	20.67	w11main1	522531
544-25-2	914	32.14	w11main1	871866
108-88-3	897	17.54	w11main1	871866
108-88-3	893	17.54	w11main1	871866
3114-55-4	923	98.12	w11main1	820356
460-00-4	871	49.25	w11main1	558941
1073-06-9	855	28.36	w11main1	558941
1072-85-1	845	20.02	w11main1	558941
100678-72-6	835	23.01	w11main1	56643
59034-54-7	824	15.78	w11main1	56643
0-00-0	824	15.78	w11main1	56643
0-00-0	752	31.25	w11main1	44587
55883-39-1	727	9.53	w11main1	44587
132439-51-1	726	9.16	w11main1	44587
2769-64-4	706	18.96	w11main1	105921
590-73-8	871	13.85	w11main1	981748
13475-82-6	857	8.67	w11main1	981748
13475-82-6	848	8.67	w11main1	981748
5375-28-0	939	28.86	w11main1	62792
18171-74-9	933	22.68	w11main1	62792
118891-65-9	927	17.82	w11main1	62792
921-47-1	742	36.65	w11main1	33029
0-00-0	706	9.06	w11main1	33029
0-00-0	889	36.13	w11main1	12563
15045-60-0	839	7.35	w11main1	12563
15726-15-5	839	7.35	w11main1	12563
0-00-0	793	69.32	w11main1	7831
0-00-0	755	16.6	w11main1	7831

13.836

14.2362

14.2363

18.4088
21.2062

22.2533

24.351

24.3557

Benzene, 1,4-difluoro-	540-36-3	868
R-(-)-2-Butyl-n-octyl carbonate	0-00-0	927
(5,5-dimethyl-3,4-dihydropyrrol-3-yl) 2,2-dimethylpropanoate	0-00-0	777
Tert-Heptyl Azide	0-00-0	756
Acetic acid, 2-propenyl ester	591-87-7	820
Acetic acid, 2-propenyl ester	591-87-7	813
Butanoic acid, 3-oxo-, 2-propenyl ester	1118-84-9	807
Alanine, 2-methyl-	62-57-7	721
Alanine, 2-methyl-	62-57-7	713
Alanine, 2-methyl-	62-57-7	713
Chlorobenzene-d5	3114-55-4	913
Benzene, 1-bromo-4-fluoro-	460-00-4	877
Benzene, 1-bromo-3-fluoro-	1073-06-9	876
Benzene, 1-bromo-2-fluoro-	1072-85-1	875
4,5,6,6a,7a,6-hexahydrooxireno[4.5]cycloocta[1,2-d][1,2,3]-selenodiazol	106543-66-2	870
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid	53292-20-9	781
Tricyclo(3.1.1.0*3.6)heptane-6-carbomethoxylic acid	0-00-0	756
Boric acid (H3BO3), tributyl ester	688-74-4	931
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime	0-00-0	887
Butane, 1-chloro-2-methyl-	616-13-7	860
1-Pentanethiol, 2-methyl-	1633-89-2	778
Butane, 1-isocyano-	2769-64-4	756
2-Hexene, 5-methyl-, (E)-	7385-82-2	731

34.5	w11main1	837133	
94.66	w11main1	14448	15.5988
2.65	w11main1	14448	
1.12	w11main1	14448	
31.75	w11main1	212692	17.8456
31.75	w11main1	212692	
20.51	w11main1	212692	
56.63	w11main1	34118	18.408
56.63	w11main1	34118	21.1966
56.63	w11main1	34118	
98.35	w11main1	792360	
33.59	w11main1	452127	21.2068
32.29	w11main1	452127	
31.03	w11main1	452127	
87.31	w11main1	24526	
7.54	w11main1	24526	
2.3	w11main1	24526	
62.88	w11main1	102455	
13.63	w11main1	102455	
4.01	w11main1	102455	
48.58	w11main1	26855	
19.2	w11main1	26855	
5.85	w11main1	26855	

2-[(4-Fluoranylphenoxy)methyl]oxirane	0-00-0	830
1,3,5-Cycloheptatriene	544-25-2	905
Benzene, methyl-	108-88-3	882
1,3,5-Cycloheptatriene	544-25-2	881
Cyclotrisiloxane, hexamethyl-	541-05-9	879
Cyclotrisiloxane, hexamethyl-	541-05-9	870
2-Naphthalenesulfonic acid	120-18-3	843
Chlorobenzene-d5	3114-55-4	903
2-Phenyl-6-aza-1,3-dioxa-2-borabenzo-cyclononene	0-00-0	725
1,7-Diethynylnaphthalene	0-00-0	716
2-Trifluoromethylbenzyl alcohol	346-06-5	715
Benzene, 1-bromo-3-fluoro-	1073-06-9	877
Benzene, 1-bromo-2-fluoro-	1072-85-1	876
Benzene, 1-bromo-4-fluoro-	460-00-4	874

14.73	w11main1	318463	
29.25	w11main1	1393843	9.0006
10.68	w11main1	1393843	
29.25	w11main1	1393843	
57.71	w11main1	65584	9.153
57.71	w11main1	65584	
14.26	w11main1	65584	
98.42	w11main1	726642	9.1563
28.07	w11main1	61946	
20.37	w11main1	61946	
19.58	w11main1	61946	9.4184
34.61	w11main1	464331	
33.26	w11main1	464331	
30.68	w11main1	464331	9.9998
			10.0158
			12.0886
			12.1766
			12.5011
			14.2276
			15.5962
			15.6005
			17.8426
			18.4034
			21.2052

Isobutyraldehyde
1,1-Dimethoxy-3-(4-nitrophenyl)propan-2-one
1-Dimethoxymethyl-5-methyl-8-oxabicyclo[3.2.1]oct-6-en-3-one
1,1-Dimethoxy-3,3-diphenylpropan-2-one
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide
Ethyl 2-ethyl-3-oxo-3-pentadecylfluoroheptylpropanoate
4-(4-Amino-5-(2,4-dichlorophenyl)-6-oxo-6,7,8,9-tetrahydropyrimido[4,5-b]quinolin-10(5H)-yl)benzenesulfonamide
3-ethyl-2-oxolanone
(2R,3S)-2-(hydroxymethyl)-3-pyrrolidinol
3-(3-Butenyl)butyrolactone
2,2,2-Trichloroethyl acetate
Pentanal, 4-oxo-
Pentanal, 4-oxo-
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,4-difluoro-
Benzene, 1,2-difluoro-
Benzene, 1,3-difluoro-
Hexane, 2-methyl-
Hexane, 2-methyl-
O-hexylhydroxylamine
Hydroxylamine, O-(2-methylpropyl)-
1-Bromo-2-methylbutane
Hydroxylamine, O-(3-methylbutyl)-
Acetic acid, 2-propenyl ester
Acetic acid, 2-propenyl ester
Butane
cis-bicyclo[6.1.0]non-4-yne
[1-(benzoxymethyl)cyclohexa-2,5-dien-1-yl]methanol
4-Ethynylcyclopentene
Pyridyl-3-acetic acid hydrochloride
3-[(Methylthio)methyl]pyridine
2-Picoline, 6-nitro-
Benzoic acid, 3-[(2,4-dimethoxy-6-propylbenzoyl)oxy]-2-hydroxy-4-methoxy-6-propyl-
2-Methyl-5H-dibenz[b,f]azepine
a-Fluoro-(p-methyl)chalcone
Chlorobenzene-d5
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-3-fluoro-

78-84-2	777	74.92	w11main1	11772
0-00-0	917	36.01	w11main1	93436
0-00-0	906	24.7	w11main1	93436
0-00-0	861	5.26	w11main1	93436
0-00-0	874	2.97	w11main2	79213
0-00-0	874	2.97	w11main2	79213
0-00-0	874	2.97	w11main2	79213
0-00-0	855	64.69	w11main1	12094
0-00-0	831	21.68	w11main1	12094
0-00-0	807	7.26	w11main1	12094
625-24-1	956	72.72	w11main1	52668
626-96-0	922	18.64	w11main1	52668
626-96-0	900	18.64	w11main1	52668
74-97-5	887	98.77	w11main1	730324
74-97-5	880	98.77	w11main1	730324
74-97-5	817	98.77	w11main1	730324
141-78-6	888	49.87	w11main1	516801
141-78-6	887	49.87	w11main1	516801
141-78-6	882	49.87	w11main1	516801
540-36-3	887	36.85	w11main1	813301
367-11-3	883	31.13	w11main1	813301
372-18-9	882	29.92	w11main1	813301
591-76-4	822	29.05	w11main1	190768
591-76-4	820	29.05	w11main1	190768
4665-68-3	810	19.35	w11main1	190768
5618-62-2	780	16.03	w11main1	108426
10422-35-2	779	15.41	w11main1	108426
19411-65-5	759	7.01	w11main1	108426
591-87-7	864	45.02	w11main1	177551
591-87-7	854	45.02	w11main1	177551
106-97-8	830	11.54	w11main1	177551
115228-33-6	910	14.21	w11main1	78012
74269-63-9	904	11.16	w11main1	78012
0-00-0	902	10.3	w11main1	78012
0-00-0	748	53.31	w11main1	45217
69966-44-5	716	14.24	w11main1	45217
18368-61-1	702	8.91	w11main1	45217
69563-42-4	876	26.24	w11main2	34350
0-00-0	867	19.05	w11main1	34350
0-00-0	847	8.67	w11main1	34350
3114-55-4	880	97.42	w11main1	723495
460-00-4	863	47.37	w11main1	463889
1072-85-1	846	25.85	w11main1	463889
1073-06-9	846	25.85	w11main1	463889

9.1778

9.4401

9.4415

10.02

10.0348

12.1026

12.1896

12.1907

12.5112

12.5148

14.2304

15.5977

17.8481

17.8511

18.409

21.2053

24.1245

6-Nitro-2,3-diphenylquinoxaline
1-Chlorobutylacetate
(Z,Z)-1,4-Diacetoxy-1,6-dicyano-1,5-hexadiene
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide
2,2,2-Trichloroethyl acetate
2-Propen-1-ol, 2-methyl-, acetate
Pentanal, 4-oxo-
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,3-difluoro-
Dibromomethyl t-butylketone
3-methyl-3-nitrobutanal
2,2-dimethylpropanethioic acid S-methyl ester
N-acetyl-N-allyl-acetamide
Hexane, 2-methyl-
Hexane, 2-methyl-
(3-acetoxy-1-methyl-propyl) 2-methylpropanoate
2-Butanethiol, 2-methyl-
Ethanone, 1-(tetrahydro-4-hydroxy-4-methyl-2H-thiopyran-3-yl)-, trans-
Longipinandiolone
1-Pentanethiol, 2-methyl-
1-Pentyn-3-ol, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Cyclobutene, 2-propenylidene-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
2-Naphthalenesulfonic acid
1-tert-butyl-3,3,4-trimethyl-3,4-dihydro-1H-2-benzopyran-1-ol
4-formyl-N-isopropyl-benzamide
Chlorobenzene-d5
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
Dibenz[a,h]anthracene, 5,6,12,13-tetrahydro-

0-00-0	851	2.69	w11main2	74284
0-00-0	865	9.99	w11main1	87598
139131-45-6	859	7.85	w11main1	87598
0-00-0	834	2.39	w11main2	87598
625-24-1	835	61.21	w11main1	56410
820-71-3	808	18	w11main1	56410
626-96-0	792	10.37	w11main1	56410
683-73-8	922	51.88	w11main1	495202
683-73-8	922	51.88	w11main1	495202
7782-44-7	918	43.83	w11main1	495202
74-97-5	900	98.61	w11main1	748124
74-97-5	900	98.61	w11main1	748124
74-97-5	835	98.61	w11main1	748124
141-78-6	921	69.48	w11main1	702860
141-78-6	912	69.48	w11main1	702860
141-78-6	909	69.48	w11main1	702860
367-11-3	886	43.23	w11main1	835870
540-36-3	876	30.52	w11main1	835870
372-18-9	872	25.78	w11main1	835870
0-00-0	775	55.66	w11main1	66199
0-00-0	720	10.79	w11main1	66199
42075-46-7	706	6.75	w11main1	66199
14778-37-1	776	37.12	w11main1	72450
591-76-4	770	29.17	w11main1	72450
591-76-4	768	29.17	w11main1	72450
0-00-0	805	37.98	w11main1	29986
1679-09-0	795	26.81	w11main1	29986
75732-00-2	737	4.93	w11main1	29986
0-00-0	831	65.01	w11main1	80540
1633-89-2	792	15.33	w11main1	80540
565-68-4	753	3.61	w11main1	80540
0-00-0	878	50.56	w11main1	371381
108-10-1	862	29.12	w11main1	371381
108-10-1	858	29.12	w11main1	371381
544-25-2	890	27.83	w11main1	2045962
544-25-2	881	27.83	w11main1	2045962
52097-85-5	868	11	w11main1	2045962
541-05-9	872	47.42	w11main1	113512
541-05-9	865	47.42	w11main1	113512
120-18-3	849	17.32	w11main1	113512
0-00-0	738	54.76	w11main1	12496
13255-50-0	721	29.88	w11main1	12496
3114-55-4	890	98.63	w11main1	752943
1073-06-9	905	34.48	w11main1	513277
460-00-4	904	33.14	w11main1	513277
1072-85-1	902	30.57	w11main1	513277
153-31-1	755	58.02	w11main1	26264

15.5972

17.8435

18.4048
21.2021

24.1274

Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Chlorobenzene-d5
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane
Cyclotetrasiloxane, octamethyl-
Cyclotetrasiloxane, octamethyl-

540-36-3	896	29.52	w11main1	846818
540-36-3	884	29.52	w11main1	846818
544-25-2	908	17.39	w11main1	467428
544-25-2	906	17.39	w11main1	467428
544-25-2	903	17.39	w11main1	467428
541-05-9	933	76.88	w11main1	261654
541-05-9	918	76.88	w11main1	261654
541-05-9	897	76.88	w11main1	261654
3114-55-4	905	98.34	w11main1	715672
460-00-4	899	52.09	w11main1	390344
1073-06-9	880	25.29	w11main1	390344
460-00-4	875	52.09	w11main1	390344
0-00-0	878	45.41	w11main1	282717
556-67-2	876	41.89	w11main1	282717
556-67-2	862	41.89	w11main1	282717

9.4244

10.0126

10.031

12.1017

14.2405

15.5936

17.8485

18.4074
21.2045

22.2527

24.133

1-Chloro-1-propenylacetate	0-00-0	855
Tetradeuteroethene	683-73-8	886
Tetradeuteroethene	683-73-8	886
Oxygen	7782-44-7	882
Methane, bromochloro-	74-97-5	904
Methane, bromochloro-	74-97-5	903
Methane, bromochloro-	74-97-5	838
2-ketopropionic acid ethyl ester	617-35-6	832
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide	0-00-0	829
Ethyl 2-ethyl-3-oxo-3-pentadecylfluoroheptylpropanoate	0-00-0	829
Benzene, 1,2-difluoro-	367-11-3	898
Benzene, 1,4-difluoro-	540-36-3	889
Benzene, 1,3-difluoro-	372-18-9	879
Acetic acid, 2-propenyl ester	591-87-7	880
Acetic acid, 2-propenyl ester	591-87-7	871
Acetic acid, 2-propenyl ester	591-87-7	857
1,3,5-Cycloheptatriene	544-25-2	935
1,3,5-Cycloheptatriene	544-25-2	926
Benzene, methyl-	108-88-3	922
Cyclotrisiloxane, hexamethyl-	541-05-9	913
Cyclotrisiloxane, hexamethyl-	541-05-9	909
Cyclotrisiloxane, hexamethyl-	541-05-9	901
Chlorobenzene-d5	3114-55-4	850
Benzene, 1-bromo-4-fluoro-	460-00-4	911
Benzene, 1-bromo-3-fluoro-	1073-06-9	911
Benzene, 1-bromo-2-fluoro-	1072-85-1	908
Dimethyl(3-methylcyclohexa-1,4-dien-3-yl)phosphane Oxide	0-00-0	839
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester	59034-54-7	826
9-Ethyl-4-methyl-7-oxo-8-oxabicyclo[4.3.0]non-2-en-5-methanol	0-00-0	819
Cyclotetrasiloxane, octamethyl-	556-67-2	902
Cyclotetrasiloxane, octamethyl-	556-67-2	896
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane	0-00-0	877

13.07	w11main1	575669
51.4	w11main1	343230
51.4	w11main1	343230
43.42	w11main1	343230
98.63	w11main1	734103
98.63	w11main1	734103
98.63	w11main1	734103
3.02	w11main1	129843
2.67	w11main2	129843
2.67	w11main2	129843
44.4	w11main1	869906
32.23	w11main1	869906
22.76	w11main1	869906
58.2	w11main1	98663
58.2	w11main1	98663
58.2	w11main1	98663
34.06	w11main1	7271027
34.06	w11main1	7271027
22	w11main1	7271027
85.49	w11main1	588259
85.49	w11main1	588259
85.49	w11main1	588259
98.07	w11main1	710249
33.67	w11main1	459605
33.67	w11main1	459605
29.75	w11main1	459605
32.03	w11main1	24441
20.69	w11main1	24441
15.85	w11main1	24441
74.39	w11main1	2006861
74.39	w11main1	2006861
22.69	w11main1	2006861

19.5475

19.55

21.193

21.2001

22.2506

22.2575
22.7861

24.3331
24.3441

25.3833

25.3865

25.9291

26.7926

29.3139

29.3145

Aziridine, 2-ethyl-
4,4-Dimethyldihydro-2H-pyran-2,6(3H)-dione
3,3-Dimethyldihydro-2H-pyran-2,6(3H)-dione
trans-(6R,7R)-Diydroxy-(3R)-isopropyl-(8aS)-methyl-1,2,3,4,6,7,8,8a-octahydronaphthalene-(1R)-carbonitrile
[(6Z)-2-methoxy-3,6-dimethyl-5,8,9,10-tetrahydrobenzocycloocten-10-yl]methanol
Ethyl 5-methyl-4-oxo-2-(trifluoromethyl)hexanoate
6,7-Methylenedioxy-1,2,3,4-tetrahydroisoquinoline-1-carboxylic acid hydrochloride
2-(3,4-Dimethoxyphenyl)-2-(pyrrolidin-1-yl)acetonitrile
1-methyl-2-[(1-methyl-2-imidazolyl)methyl]imidazole
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
2-Pinene
2-Pinene
3-Thujene
(S)-(+)-1-(2-Methylphenyl)-2-nitroethanol
Santrolinatriene
1,1-Dicyclopropyl-1-pentene
5-Isopropylidene-1-cyclohexene
2-Methyl-3-[(2-methyl-2-propenyl)oxy]-1-propene
Heptane, 2,2,4,6,6-pentamethyl-
Butane, 2,2,3,3-tetramethyl-
Heptane, 2,2,4,6,6-pentamethyl-
2-(1',2',2'-Trideuterioethenyl)cyclobutanone
Hexane, 3,3,4,4-tetraethyl-
Heptane, 1-iodo-
N-Butoyl-6-hydroxyhexanamide
Acetic acid, trichloro-, propyl ester
(E)-5-Iodo-2-methylpent-2-en-1-ol
Hexane, 3,3-dimethyl-
Hexane, 2,3,4-trimethyl-
Hexane, 3,3-dimethyl-
1-Heptanol, 2-propyl-
Isopropenyl dodecanoate
Heptadecane, 4-propyl-
2,2-Dimethoxy-5,5-di-n-propyl-1,3,4-.deta.(3)-oxadiazoline
Oxetane, 2-(2,2-dichloroethyl)-2-methyl-
2,2,2-Trichloroethyl 2-methylpropanoate
1-Hexyne, 1-(1,1-dimethylethoxy)-
Neopentyl formate
Nonane, 4-methyl-

2549-67-9	725	31.07	w11main1	29758
4160-82-1	720	25.04	w11main1	29758
2938-48-9	716	21.15	w11main1	29758
0-00-0	913	60.5	w11main1	57564
0-00-0	856	11.33	w11main1	57564
0-00-0	845	7.77	w11main1	57564
0-00-0	797	46.44	w11main1	80684
0-00-0	737	8.24	w11main1	80684
0-00-0	726	5.65	w11main1	80684
1072-85-1	842	40	w11main1	536839
460-00-4	833	29.04	w11main1	536839
1073-06-9	833	29.04	w11main1	536839
80-56-8	885	21.15	w11main1	428282
80-56-8	880	21.15	w11main1	428282
5/2/2867	866	10.27	w11main1	428282
0-00-0	709	55.19	w11main1	68041
2153-66-4	820	21.43	w11main1	160099
0-00-0	814	16.84	w11main1	160099
0-00-0	795	8.18	w11main1	160099
628-56-8	727	29.95	w11main1	178920
13475-82-6	874	16.78	w11main1	1968699
594-82-1	860	10.5	w11main1	1968699
13475-82-6	860	16.78	w11main1	1968699
0-00-0	889	20.5	w11main1	86904
5171-86-8	875	12.83	w11main1	86904
4282-40-0	854	5.46	w11main1	86904
0-00-0	795	49.01	w11main1	14910
13313-91-2	751	10.62	w11main1	14910
0-00-0	748	9.39	w11main1	14910
563-16-6	868	8.21	w11main1	222106
921-47-1	864	6.93	w11main1	222106
563-16-6	860	8.21	w11main1	222106
10042-59-8	968	66.45	w11main1	61986
0-00-0	901	10.28	w11main1	61986
55044-10-5	877	3.44	w11main1	61986
0-00-0	806	35.16	w11main1	29257
114872-35-4	785	14.96	w11main1	29257
57392-45-7	766	7.26	w11main1	29257
113279-42-8	782	41.69	w11main1	23001
23361-67-3	760	16.48	w11main1	23001
17301-94-9	757	14.56	w11main1	23001

22.7879

24.3433

25.1913
25.3848

25.9249

26.0561

26.7914

26.8872

29.3093
29.3146

29.7632

29.8515

Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
(5E)-2,5-Dimethyl-3-methylene-1,5-heptadiene
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
3,3-Dimethyl-4-methylenebicyclo[3.1.0]hexan-2-one
Butane, 2,2,3,3-tetramethyl-
Hexane, 2,2-dimethyl-
4-Bromoheptane
Undecane
Hexane, 2,3,4-trimethyl-
1-Heptanol, 2-propyl-
(CH3)2CHCH2ONO
Hydroxylamine, O-(2-methylpropyl)-
1-Propanol, 2,2-dimethyl-, nitrate
Heptane, 2,4-dimethyl-
Heptane, 2,4-dimethyl-
Hexane, 2,3,4-trimethyl-
3,5-diethylhex-5-en-3-ol
Nitric acid, heptyl ester
1-Heptanol, 2-propyl-
Hept-5-ene-1-yne-4-ol
Hentriacontane
Tetratetracontane
Pentatriacontane
branched - heptadecane ?
Eicosane, 10-butyl-10-propyl-
Docosane, 9-octyl-
2,2-dimethylpropyl 2-oxidanylidenebutanoate
Pentane, 1,3-epoxy-4-methyl-

79-92-5	847	17.96	w11main1	1018777
79-92-5	831	17.96	w11main1	1018777
74663-83-5	830	9.8	w11main1	1018777
13475-82-6	901	34.83	w11main1	3556928
13475-82-6	895	34.83	w11main1	3556928
13475-82-6	869	34.83	w11main1	3556928
0-00-0	713	56.1	w11main1	47761
594-82-1	836	14.4	w11main1	256330
590-73-8	823	9.3	w11main1	256330
998-93-6	819	7.85	w11main1	256330
1120-21-4	846	8.26	w11main1	528831
921-47-1	839	6.33	w11main1	528831
10042-59-8	832	4.85	w11main1	528831
542-56-3	876	58.79	w11main1	57554
5618-62-2	848	16.98	w11main1	57554
926-42-1	839	12.32	w11main1	57554
2213-23-2	773	12.06	w11main1	148694
2213-23-2	772	12.06	w11main1	148694
921-47-1	766	9.24	w11main1	148694
0-00-0	813	54.46	w11main1	28663
20633-12-9	798	33	w11main1	28663
10042-59-8	733	5.31	w11main1	28663
0-00-0	717	40.63	w11main1	23861
630-04-6	851	13.02	w11main2	229813
7098-22-8	834	7.11	w11main2	229813
630-07-9	822	4.73	w11main2	229813
0-00-0	911	15.82	w11main1	54974
55282-33-2	888	5.77	w11main2	54974
55319-83-0	883	4.65	w11main2	54974
0-00-0	700	8.39	w11main1	5240
15045-60-0	700	8.39	w11main1	5240

18.0306
18.0421

18.4023
18.4051
19.5464

19.5522

21.1998

21.8942
21.9005

22.2505

22.2547

22.7852

24.3422

25.3863

25.9275

26.0556

26.786
26.7919

29.3103

1-Hexene, 3,4-dimethyl-	16745-94-1	710
Heptane, 2,4-dimethyl-	2213-23-2	884
Hexane, 2,3,4-trimethyl-	921-47-1	875
Heptane, 2,3-dimethyl-	3074-71-3	865
Chlorobenzene-d5	3114-55-4	903
2-Amino-4,5-hexadienoic acid	0-00-0	709
Cyclopentanol, 1-[2-(1-pyrrolidinyl)ethyl]-	116886-00-1	760
N-methyl-6-(1-pyrrolidinyl)-1-hexanamine	0-00-0	708
Heptane, 2,4-dimethyl-	2213-23-2	793
Octane	111-65-9	792
Heptane, 2,3-dimethyl-	3074-71-3	790
Benzene, 1-bromo-4-fluoro-	460-00-4	898
Benzene, 1-bromo-3-fluoro-	1073-06-9	895
Benzene, 1-bromo-2-fluoro-	1072-85-1	893
3,6-Methano-2H-cyclopenta[b]furan-2-one, 3,3a,6,6a-tetrahydro-	81523-43-5	727
1,1-Dimethyl-2-[(1E)-3-methyl-1,3-butadienyl]cyclopropane	68998-21-0	775
1-isopropylidene-4-methylene-cyclohexane	0-00-0	766
2,2,5-trimethyl-5-bicyclo[4.1.0]heptanol	88105-45-7	756
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-	99-83-2	825
(R)-7-Benzenesulfonyl-2-methoxy-bicyclo[4.1.0]heptane	0-00-0	818
a-phellandrene (only name in Wiley6)	1329-99-3	813
(3R,4S)-3-[(1Z)-buta-1,3-dienyl]-4-ethenyl-cyclopentene	84926-62-5	745
Cyclopentene, 4-(1,3-butadienyl)-3-ethenyl-, [3a,4a(Z)]-(.+-.)-	84899-26-3	745
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	79-92-5	891
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	79-92-5	880
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	79-92-5	871
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	901
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	882
Butane, 2,2,3,3-tetramethyl-	594-82-1	871
1-Hexanethiol, 2-ethyl-	7341-17-5	802
Hexane, 2,2-dimethyl-	590-73-8	790
1-Pentene, 2,4,4-trimethyl-	107-39-1	787
Heptane, 2,4-dimethyl-	2213-23-2	856
Heptane, 2,4-dimethyl-	2213-23-2	846
Hexane, 2,3,4-trimethyl-	921-47-1	836
(CH3)2CHCH2ONO	542-56-3	933
Oct-3-enenitrile	0-00-0	800
Nitric acid, 2-methylpropyl ester	543-29-3	796
4-(2-Oxanyloxy)butanal	54911-85-2	778
3-(Difluoromethyl)heptane	0-00-0	814
(CH3)2CHCH2ONO	542-56-3	802
2,4,4-Trimethyl-2-penten-1-ol	0-00-0	794
2-methylpropanethioic acid S-(allylthio) ester	0-00-0	891
3-Methyl-1-azidobutan-2-one	0-00-0	890
1,3,9-Trioxaspiro[5.5]undecane	429-36-7	885

19.87	w11main1	59112	
30.9	w11main1	911645	
22.43	w11main1	911645	18.3737
15.83	w11main1	911645	19.5297
97.96	w11main1	841210	
93.92	w11main1	51830	
58.4	w11main1	35396	19.5352
11.66	w11main1	35396	
11.98	w11main1	307406	
11.51	w11main1	307406	21.1754
10.62	w11main1	307406	
36.44	w11main1	708804	
32.2	w11main1	708804	21.1852
29.7	w11main1	708804	
49.4	w11main1	40195	21.3799
23.19	w11main1	172199	
16.83	w11main1	172199	21.8885
11.88	w11main1	172199	
29.67	w11main1	254830	
22.72	w11main1	254830	22.2419
18.31	w11main1	254830	
33.27	w11main1	77452	
33.27	w11main1	77452	22.7769
24.23	w11main1	1635185	
24.23	w11main1	1635185	
24.23	w11main1	1635185	24.1278
33.03	w11main1	4623530	
33.03	w11main1	4623530	
9.18	w11main1	4623530	24.3409
14.31	w11main1	299689	
9.53	w11main1	299689	
8.42	w11main1	299689	25.3915
11.11	w11main1	342630	
11.11	w11main1	342630	
5.06	w11main1	342630	25.9294
90.18	w11main1	43552	
3.55	w11main1	43552	
3	w11main1	43552	26.065
86.59	w11main1	20057	
29.27	w11main1	79527	
19.49	w11main1	79527	26.7932
14.54	w11main1	79527	
23.86	w11main1	9819	
22.93	w11main1	9819	26.8906
18.48	w11main1	9819	
			27.6138

Heptane, 2,4-dimethyl-
Heptane, 2,3-dimethyl-
Chlorobenzene-d5
1-Butanol, 2-ethyl-
Cyanic acid, 2,2-dimethylpropyl ester
4-Methyl-4-nitroso[2,2-D2]pentanenitrile
Heptane, 2,4-dimethyl-
Octane, 4-methyl-
Hexane, 3-ethyl-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
8-[2-[2-[2-methyl-1,3-bis[2-(2-quinolin-8-yloxyethoxy)ethoxy]propan-2-yl]oxyethoxy]ethoxy]quinoline
3-mesyl-7-methoxy-3-benzazepine
1H-pyrazol-4-yl(4-pyrimidinyl)methanone
1H-pyrazol-4-yl(3-pyridazinyl)methanone
2-Thujene
3-Thujene
3-Thujene
2-Thujene
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Cyclotetrasiloxane, octamethyl-
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane
Cyclotetrasiloxane, octamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Butane, 2,2,3,3-tetramethyl-
Butane, 2,2,3,3-tetramethyl-
Butane, 2,2,3,3-tetramethyl-
1-Heptanol, 2-propyl-
Hentriacontane
Undecane
Isoxazole, 3-(3-butenyl)-5-methyl-
4H,5H-Pyrano[4,3-d]-1,3-dioxin, tetrahydro-8a-methyl-
1,3,9-Trioxaspiro[5.5]undecane
1-Heptanol, 2-propyl-
Hexane, 2,3,4-trimethyl-
2-Tridecene, 1-bromo-2-chloro-1,1-difluoro-, (Z)-
Oct-3-enenitrile
4-tert-butyl-1,2,3-thiadiazole
1-Methylbutyl nitrite
1-(exo)-dimethoxymethyl-4,7-bis(trifluoromethyl)-1a,5,7a,7b-tetrahydro-1H-cyclopropa[f]phthalazine

2213-23-2	854	41.01	w11main1	1208730
3074-71-3	850	10.95	w11main1	1208730
3114-55-4	868	98.4	w11main1	7058860
97-95-0	712	22.78	w11main1	96100
1459-44-5	707	18.36	w11main1	96100
0-00-0	702	14.79	w11main1	96100
2213-23-2	870	30.79	w11main1	310780
2216-34-4	867	27.2	w11main1	310780
619-99-8	844	9.93	w11main1	310780
460-00-4	893	66.02	w11main1	7512293
1073-06-9	865	19.06	w11main1	7512293
1072-85-1	857	14.22	w11main1	7512293
0-00-0	769	68.01	w11main2	208429
0-00-0	746	24.83	w11main1	208429
0-00-0	786	52.52	w11main1	20241
0-00-0	780	41.28	w11main1	20241
58037-87-9	813	13.39	w11main1	226541
5/2/2867	813	13.39	w11main1	226541
5/2/2867	808	13.39	w11main1	226541
28634-89-1	794	21.25	w11main1	117226
99-83-2	792	19.6	w11main1	117226
59034-54-7	789	17.32	w11main1	117226
79-92-5	876	21.67	w11main1	1743917
79-92-5	872	21.67	w11main1	1743917
79-92-5	870	21.67	w11main1	1743917
556-67-2	859	47.54	w11main1	242568
0-00-0	851	35.46	w11main1	242568
556-67-2	830	47.54	w11main1	242568
13475-82-6	904	36.28	w11main1	6625951
13475-82-6	888	36.28	w11main1	6625951
13475-82-6	867	36.28	w11main1	6625951
594-82-1	817	20.05	w11main1	449102
594-82-1	809	20.05	w11main1	449102
594-82-1	806	20.05	w11main1	449102
10042-59-8	858	10.51	w11main1	786110
630-04-6	853	8.47	w11main2	786110
1120-21-4	838	5.13	w11main1	786110
130628-72-7	904	80.94	w11main1	117837
54340-98-6	818	7.21	w11main1	117837
429-36-7	802	4.15	w11main1	117837
10042-59-8	865	15.16	w11main1	286223
921-47-1	852	9.79	w11main1	286223
108377-21-5	850	9.03	w11main2	286223
0-00-0	885	50.98	w11main1	45812
0-00-0	869	29.36	w11main1	45812
0-00-0	816	5.8	w11main1	45812
137233-14-8	756	87.51	w11main2	12312

21.1977

21.8983

22.2467

22.2495

22.3567

22.7831

24.3401

24.9137

25.187

25.187
25.3834

25.391
25.5939

25.5949

25.917

25.9228

26.0551

5-endo-(Phenylsulfonyl)-5-exo-methylbicyclo[2.2.2]oct-2-ene
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
2-Pinene
Tricyclo[2.2.1.02,6]heptane, 1,7,7-trimethyl-
2-Pinene
.alpa.-Hydroxybenzylcarboraldehyde
benzenecarboperoxoic acid methyl ester
4,4-Difluoro-4-benzoylbutyric Acid
3-Thujene
a-phellandrene (only name in Wiley6)
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-
Spiro[2.5]octane, 1-chloro-4-methylene-, trans-
Spiro[2.5]octane, 1-chloro-4-methylene-, trans-
N,N'-(1,12-diaza-2,11-dioxaocta-1,12-diyl)bis-1-pyridium diaminide
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
{1,2-bis[(3'-Methylphenyl)-1,2-ethenediyl} 1,2-bis(3''-methylbenzoate)
Diisopropyl 1-(2-methylbenzoyl)hydrazine-1,2-dicarboxylate
2-ethynyl-3-pyridinol
N-Benzyl-N-(cyanomethyl)-1-methylcyclohexa-2,5-diene-1-carboxamide
(phenylmethyl) 1-methylcyclohexa-2,5-diene-1-carboxylate
6-Benzylbicyclo[4.1.0]heptan-2-ol
(3-(vinyloxy)prop-1-en-1-ylidene)cyclohexane
Heptane, 3-(chloromethyl)-
Butane, 2,2,3,3-tetramethyl-
Heptane, 2,5-dimethyl-
2-Methylallyl bromide
Tridecane, 2,2,4,10,12,12-hexamethyl-7-(3,5,5-trimethylhexyl)-
Propane, 2-[(1,1-dimethylethyl)sulfonyl]-2-methyl-
4-tert-butyl-1-(trifluoromethyl)cyclohexanol
3-Azido-2-pentanone
N-acetyl-N-allyl-acetamide
Cyclobutaneacetic acid, 2-amino-, cis-
1-Pentene, 4,4-dimethyl-
Acetic acid, trichloro-, butyl ester
Valeraldehyde, 4,4-dimethyl-2-methylene-
Dodecane
Dodecane, 2,6,11-trimethyl-
Heptane, 3-ethyl-3-methyl-
Hydroxylamine, O-decyl-
O-hexylhydroxylamine

127380-49-8	740	11.2	w11main1	130865
460-00-4	878	35.04	w11main1	778398
1073-06-9	878	35.04	w11main1	778398
1072-85-1	872	27.54	w11main1	778398
80-56-8	834	9.37	w11main1	325225
508-32-7	834	9.37	w11main1	325225
80-56-8	833	9.37	w11main1	325225
0-00-0	959	36.3	w11main1	38398
0-00-0	922	8.83	w11main1	38398
0-00-0	920	8.15	w11main1	38398
5/2/2867	790	18.28	w11main1	209566
1329-99-3	785	14.73	w11main1	209566
99-83-2	784	14.16	w11main1	209566
104120-82-3	863	56.87	w11main1	57342
104120-81-2	852	39.01	w11main1	57342
0-00-0	730	1.93	w11main2	57342
79-92-5	933	26.41	w11main1	2426133
79-92-5	923	26.41	w11main1	2426133
79-92-5	908	26.41	w11main1	2426133
13475-82-6	908	36.41	w11main1	8296011
13475-82-6	879	36.41	w11main1	8296011
13475-82-6	869	36.41	w11main1	8296011
0-00-0	847	11	w11main2	128878
0-00-0	843	9.3	w11main2	128878
0-00-0	830	6	w11main1	128878
0-00-0	813	41.21	w11main1	54006
0-00-0	783	11.45	w11main1	54006
0-00-0	781	10.56	w11main1	54006
0-00-0	723	36.85	w11main1	55967
123-04-6	823	17.01	w11main1	649294
594-82-1	812	11.67	w11main1	649294
2216-30-0	793	5.66	w11main1	649294
1458-98-6	708	60.12	w11main1	76569
3035-75-4	868	38.59	w11main2	48377
1886-75-5	846	15.25	w11main1	48377
120714-68-3	833	9.85	w11main1	48377
0-00-0	825	66.24	w11main1	15364
14778-37-1	777	13.73	w11main1	15364
84673-55-2	763	8.59	w11main1	15364
762-62-9	756	8.87	w11main1	170757
7/6/3657	755	8.53	w11main1	170757
5375-28-0	754	8.2	w11main1	170757
112-40-3	837	6.98	w11main1	1119630
31295-56-4	836	6.71	w11main1	1119630
17302-01-1	835	6.45	w11main1	1119630
29812-79-1	808	16.59	w11main1	172185
4665-68-3	797	11.38	w11main1	172185

12.5002

12.8895

12.9045

13.3666

13.3688

13.37

14.2013

14.2029

15.5967

17.8398

18.0314
18.0384

18.3991
19.5459

20.3664

21.1981

21.9003

1-Octanol, 2,7-dimethyl-
Heptane
Hexane, 3-methyl-
Hexane, 3-methyl-
4'-Acetyl-2'-phenyl-4a',5',6',7',8',8a'-hexahydro-4'H-spiro-[cyclohexane-1,9'-[1,2,4]triazolo[5,1-b]quinazoline]
1H-Tetraazole-1,5-diamine
Acetic acid, trichloro-, propyl ester
3-Methyl-2-oxanol
2-Hexanone, 6-hydroxy-
3,5,7-Trimethyloxepan-2-one
(R)-2-(1-Methylethylidene)-cyclohexane-d
4-Nonene
2H-Pyran-2-one, tetrahydro-4-methyl-
Propane, 2-methyl-
Propane, 1-chloro-2-methyl-
Propane, 1-chloro-2-methyl-
Propane, 2-methyl-2-nitro-
Propane, 2-methyl-1-nitro-
Butane, 2-nitro-
Dimethylhydrazone
1,4-Dioxane-2,6-dione
Trideuteroacetonitrile
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
cis-bicyclo[6.1.0]non-4-yne
[(Z)-1-cyclopentyl-2,3,3,3-tetrafluoro-prop-1-enoxy]methylbenzene
1ß-Hydroxy-4ß-chloro-6a-(benzyloxy)-2-cycloheptene
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
2-Naphthalenesulfonic acid
1-Hexene, 3-methyl-
Heptane, 2,4-dimethyl-
Hexane, 2,3,4-trimethyl-
Heptane, 2,4-dimethyl-
Chlorobenzene-d5
Heptane, 2,4-dimethyl-
Hexane, 3-ethyl-
Heptane, 2,3-dimethyl-
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid
Ethanethioic acid, S-bicyclo[2.2.1]hept-2-en-7-yl ester, anti-
4-brombicyclo[3.1.1]hept-2-en
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
2-Thujene
3-Thujene

15250-22-3	746	3.62	w11main1	136230
142-82-5	898	34.82	w11main1	1280180
589-34-4	894	29.42	w11main1	1280180
589-34-4	891	29.42	w11main1	1280180
0-00-0	851	74.7	w11main2	30327
2165-21-1	806	15.91	w11main1	30327
13313-91-2	767	3.75	w11main1	30327
68258-41-3	895	44.38	w11main1	39316
21856-89-3	895	44.38	w11main1	39316
0-00-0	806	3.83	w11main1	39316
75365-51-4	919	87.75	w11main1	21293
10405-85-3	798	4.47	w11main1	21293
1121-84-2	788	3.15	w11main1	21293
75-28-5	894	74	w11main1	72398
513-36-0	838	14.11	w11main1	72398
513-36-0	825	14.11	w11main1	72398
594-70-7	864	42.58	w11main1	35448
625-74-1	858	33.47	w11main1	35448
600-24-8	805	6.62	w11main1	35448
0-00-0	845	79.9	w11main1	63466
4480-83-5	793	15.95	w11main1	63466
2206-26-0	743	3.24	w11main1	63466
108-10-1	895	48.04	w11main1	2005225
108-10-1	889	48.04	w11main1	2005225
0-00-0	877	24.77	w11main1	2005225
115228-33-6	937	29.38	w11main1	56874
0-00-0	917	13.38	w11main1	56874
0-00-0	914	11.82	w11main1	56874
541-05-9	893	49.41	w11main1	84145
541-05-9	881	49.41	w11main1	84145
120-18-3	867	14.8	w11main1	84145
3404-61-3	731	34.33	w11main1	157004
2213-23-2	897	33.86	w11main1	1592075
921-47-1	864	8.86	w11main1	1592075
2213-23-2	862	33.86	w11main1	1592075
3114-55-4	888	98.2	w11main1	884642
2213-23-2	871	31.26	w11main1	746762
619-99-8	865	24.57	w11main1	746762
3074-71-3	846	11.93	w11main1	746762
53292-20-9	830	34.01	w11main1	32505
55883-39-1	829	32.69	w11main1	32505
87031-11-6	813	18.82	w11main1	32505
460-00-4	915	68.82	w11main1	702384
1073-06-9	878	16.75	w11main1	702384
1072-85-1	873	13.5	w11main1	702384
58037-87-9	799	11.67	w11main1	279752
5/2/2867	799	11.67	w11main1	279752

12.4967
12.5015

14.2055

14.2073

14.2163

17.8408

18.0407

18.4002
18.4098
19.5463
19.5495

21.1981

21.9016

21.9817

22.2503

22.7882

23.737

24.1253

24.3443

cis-(6S,7R)-Diydroxy-(3R)-isopropyl-(8aS)-methyl-1,2,3,4,6,7,8,8a-octahydronaphthalene-(1R)-carbonitrile
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
(E)-O-1-(N-Methyl-N-acetamino-1-yl)ethyl-2-furaldehyde oxime
(E)-O-1-(N-Methyl-N-acetamino-1-yl)ethylbenzaldehyde oxime
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
Propane, 2-methyl-1-nitro-
Propane, 2-methyl-2-nitro-
Acetic acid, trichloro-, butyl ester
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Arsenous acid, tris(trimethylsilyl) ester
Heptane, 2,4-dimethyl-
Heptane, 2,3-dimethyl-
Hexane, 2,3,4-trimethyl-
Chlorobenzene-d5
1-Chloro-2,3-dimethylbuta-1,3-diene
(2R*,3S*)-2-Ethyl-3-methyl-1-heptanol
Hexane, 3-ethyl-
Hexane, 3-ethyl-
Octane, 4-methyl-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-3-fluoro-
1,1-Dimethyl-2-[(1E)-3-methyl-1,3-butadienyl]cyclopropane
1,5-Cyclohexadiene-1-carboxaldehyde, 4,4-dimethyl-
Cyclohexene, 3-methylene-6-(1-methylethyl)-
1-m-Tolyl-but-3-en-1-ol
1-o-Tolyl-but-3-en-1-ol
1-m-Tolyl-but-3-en-1-ol
3'-Phenyl-5'-(2-hydroxyethyl)-spiro[adamantane-2,2'-(1,3)-dithiolane]-4'-one
1-(1-methylcyclopropyl)-2-methylene-cyclopropane
1-[Cyclopropylidenemethyl]-1-methylcyclopropane
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Butanedinitrile, tetramethyl-
d1-Pyrroline
Butanedinitrile, tetramethyl-
Cyclotetrasiloxane, octamethyl-
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane
Cyclotetrasiloxane, octamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-

0-00-0	760	90.99	w11main1	66273
589-34-4	883	63.63	w11main1	402243
589-34-4	877	63.63	w11main1	402243
589-34-4	861	63.63	w11main1	402243
0-00-0	727	32.38	w11main1	83147
0-00-0	707	14.75	w11main1	83147
108-10-1	850	33.11	w11main1	1146369
0-00-0	842	24.7	w11main1	1146369
108-10-1	842	33.11	w11main1	1146369
625-74-1	787	43.98	w11main1	37872
594-70-7	781	34.57	w11main1	37872
7/6/3657	755	10.35	w11main1	37872
541-05-9	886	36.04	w11main1	183085
541-05-9	875	36.04	w11main1	183085
55429-29-3	869	19.67	w11main2	183085
2213-23-2	877	31.07	w11main1	1000088
3074-71-3	861	17.89	w11main1	1000088
921-47-1	853	13.35	w11main1	1000088
3114-55-4	924	98.28	w11main1	907992
0-00-0	749	75.31	w11main1	71326
0-00-0	715	29.76	w11main1	71553
619-99-8	859	25.94	w11main1	424560
619-99-8	849	25.94	w11main1	424560
2216-34-4	846	16.75	w11main1	424560
460-00-4	879	49.56	w11main1	703022
1072-85-1	861	25.55	w11main1	703022
1073-06-9	859	23.57	w11main1	703022
68998-21-0	805	16.78	w11main1	96807
97997-08-5	795	11.85	w11main1	96807
555-10-2	793	10.93	w11main1	96807
0-00-0	909	42.64	w11main1	32892
24165-62-6	888	18.13	w11main1	32892
0-00-0	874	11.35	w11main1	32892
0-00-0	805	17.29	w11main2	65666
0-00-0	802	15.28	w11main1	65666
0-00-0	791	10.48	w11main1	65666
79-92-5	884	22.36	w11main1	1040729
79-92-5	875	22.36	w11main1	1040729
79-92-5	860	22.36	w11main1	1040729
3333-52-6	808	60.04	w11main1	257773
0-00-0	785	21.92	w11main1	257773
3333-52-6	778	60.04	w11main1	257773
556-67-2	836	40.52	w11main1	160886
0-00-0	833	35.8	w11main1	160886
556-67-2	823	40.52	w11main1	160886
13475-82-6	914	34.64	w11main1	11051152
13475-82-6	904	34.64	w11main1	11051152

22.252

22.2559

22.7893
22.7939

24.1286

24.3457

24.9184

25.1915

25.3882

25.9219

25.9285

26.0591

26.2195

26.7924

26.8913

28.275

28.2798

Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-2-fluoro-
9-Ethyl-4-methyl-7-oxo-8-oxabicyclo[4.3.0]non-2-en-5-methanol
2-Thujene
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
5-(Isothiocyanato)hept-1-en-6-yne
1-Benzylcyclopentanecarbaldehyde
3,5-Cycloheptadien-1-one, 3,6-dimethyl-
Benzene, 1,1'-[1,2-ethanediylbis(oxymethylene)]bis-
[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Heneicosafluorododecyl)phenyl]methanol
Cyclotetrasiloxane, octamethyl-
Cyclotetrasiloxane, octamethyl-
Cyclotetrasiloxane, octamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Pentane, 2,2,3-trimethyl-
2,2,7,7-Tetramethyloctane
Bicyclo[4.1.0]hept-3-ene-2-thiol, 3,7,7-trimethyl-, [1S-(1a,2a,6a)]-
[.eta(6).-Cymene]-[1-phenylene-4-benzyl-1,2,4-triazolinylidene] ruthenium chloride complexe
2-cyclopentyl-1-(2-methylphenyl)ethanone
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
2-Thujene
9-Ethyl-4-methyl-7-oxo-8-oxabicyclo[4.3.0]non-2-en-5-methanol
Pentane, 2,2,4-trimethyl-
Pentane, 2,2,4-trimethyl-
Butane, 2,2,3,3-tetramethyl-
Butane, 2-cyclopropyl-
1-Dodecene, 2-ethyl-
tert-butylcyclopropane
2,4,6-Trimethyldecane
Undecane, 2,4-dimethyl-
Decane, 2,4-dimethyl-
2,4,4-Trimethyl-2-penten-1-ol
Nitric acid, heptyl ester
(CH3)2CHCH2ONO
3-Cyclopropyl-2-butanone
3-isopropoxycyclobut-3-ene-1,2-dione
Butane, 1,1-dichloro-3-methyl-
1,1-Bis(fluoranyl)dodecane
2-Propyldecan-1-ol
Hexadecane, 7,9-dimethyl-
Nitric acid, heptyl ester
2,4,4-Trimethyl-2-penten-1-ol
(CH3)2CHCH2ONO
Hexane, 4-ethyl-2-methyl-
3-Hexanone, 2,4-dimethyl-
Decane, 5-methyl-
2-But-1-enyltetrahydrofuran

1072-85-1	877	32.94	w11main1	585591
1072-85-1	870	32.94	w11main1	585591
0-00-0	942	47.59	w11main1	58025
28634-89-1	923	23.11	w11main1	58025
59034-54-7	916	17.7	w11main1	58025
0-00-0	757	64.83	w11main1	31869
0-00-0	707	13.19	w11main1	31869
94994-50-0	751	51.14	w11main1	54717
622-22-0	734	32.34	w11main1	68308
0-00-0	705	9.16	w11main2	68308
556-67-2	876	72.99	w11main1	310648
556-67-2	869	72.99	w11main1	310648
556-67-2	853	72.99	w11main1	310648
13475-82-6	901	37.98	w11main1	4824063
564-02-3	882	18.44	w11main1	4824063
1071-31-4	852	5.12	w11main1	4824063
88106-13-2	955	65.21	w11main1	73331
0-00-0	900	12.65	w11main2	73331
0-00-0	895	10.19	w11main1	73331
59034-54-7	768	37.18	w11main1	33217
28634-89-1	759	26.99	w11main1	33217
0-00-0	755	22.8	w11main1	33217
540-84-1	852	16.73	w11main1	357042
540-84-1	846	16.73	w11main1	357042
594-82-1	843	12.15	w11main1	357042
2/7/5750	786	47.41	w11main1	101586
19780-34-8	755	12.92	w11main1	101586
4741-87-1	731	4.33	w11main1	101586
62108-27-4	839	6.86	w11main1	398237
17312-80-0	837	6.33	w11main1	398237
2801-84-5	834	5.59	w11main1	398237
0-00-0	819	23.38	w11main1	55589
20633-12-9	814	18.84	w11main1	55589
542-56-3	793	8.01	w11main1	55589
0-00-0	853	44.86	w11main1	17961
0-00-0	847	35.26	w11main1	17961
625-66-1	820	10.37	w11main1	17961
62127-45-1	858	12.35	w11main1	184903
0-00-0	858	12.35	w11main1	184903
21164-95-4	825	3.23	w11main1	184903
20633-12-9	860	37.06	w11main1	93115
0-00-0	848	24.68	w11main1	93115
542-56-3	842	19.4	w11main1	93115
3074-75-7	908	44.13	w11main1	48259
18641-70-8	886	17.44	w11main1	48259
13151-35-4	872	10.92	w11main1	48259
0-00-0	814	49.02	w11main1	14217

28.2739

28.2755

29.3137

29.3151

29.4486

29.7602

30.9286

31.3354

Tetradecane, 4,11-dimethyl-
Hexane, 3,3,4-trimethyl-
Hexane, 3-methyl-
1-Butanol, 4-butoxy-
Nonane, 4-methyl-
1-Pentanol, 4-methyl-2-propyl-
Hexane, 2,3,4-trimethyl-
Tridecane, 7-propyl-
4-Heptanone, 2-methyl-
Oxetane, 3-(1-methylethyl)-
(2R,4S)-Dimethylbutyrolactol
Oxetane, 3-(1-methylethyl)-
1-Heptanol, 2-propyl-
1-Pentanol, 4-methyl-2-propyl-
Heptadecane, 4-propyl-
2,2,6-Trimethyl-5-hepten-3-one
(R)-4-(1',1'-Dimethylethyl)-1,3,2-dioxathiolane-2-one
3-Hexanone, 2,5-dimethyl-
1-(3,4-dihydro-2H-pyran-6-yl)ethanone
2-fluoranyl-3,3-dimethyl-butanal
Cyclopropane, 1-ethyl-1-methyl-
3-Hexanone, 4-ethyl-
4-Heptanone, 3-methyl-
Heptane, 5-ethyl-2-methyl-

55045-12-0	853	36.46	w11main1	64439
16747-31-2	812	8.32	w11main1	64439
589-34-4	810	7.67	w11main1	64439
4161-24-4	790	26.31	w11main1	54061
17301-94-9	781	19.1	w11main1	54061
54004-41-0	780	18.36	w11main1	54061
921-47-1	827	12.48	w11main1	69465
55045-09-5	817	8.81	w11main1	69465
626-33-5	817	8.81	w11main1	69465
10317-17-6	842	74.1	w11main1	32972
0-00-0	792	15.08	w11main1	32972
10317-17-6	768	74.1	w11main1	32972
10042-59-8	869	28.28	w11main1	92112
54004-41-0	869	28.28	w11main1	92112
55044-10-5	849	12.88	w11main1	92112
84352-58-9	731	39.82	w11main1	10807
0-00-0	714	21.73	w11main1	10807
1888-57-9	702	14.47	w11main1	10807
0-00-0	854	42.72	w11main1	10041
69429-56-7	831	15.6	w11main1	10041
53778-43-1	817	9.76	w11main1	10041
12/8/6137	917	59.26	w11main1	62360
15726-15-5	885	15.83	w11main1	62360
13475-78-0	878	12.13	w11main1	62360

24.1252

tert-Butyl 2-(4-Chlorophenyl)-1-naphthoate
1,2'-Biazulene, 1',3-dimethyl-
2-(diethylcarbamoylamino)-5-methoxy-benzoic acid methyl ester
5-(diethylcarbamoylamino)-2-methoxy-benzoic acid methyl ester

0-00-0	722	15.19	w11main2	26264
115349-81-0	701	6.46	w11main1	26264
0-00-0	728	34.19	w11main1	71642
0-00-0	707	14.54	w11main1	71642

28.5664

29.3125

29.4021

29.7625

3-Pentanethiol, 3-methyl-
2-Cyclohexene-1-carboxylic acid, 2-(7-hydroxy-3-methyl-1,3-octadienyl)-1,3-dimethyl-4-oxo-, methyl ester, [R-[R*,S*-(E,E
2-Methyl-2-oxazoline
2-Propyldecan-1-ol
1-Butylpentyl trifluoromethanesulfonate
1,1-Bis(fluoranyl)dodecane
1-Chlorobutylacetate
(Z,Z)-1,4-Diacetoxy-1,6-dicyano-1,5-hexadiene
1-Chloro-1-propenylacetate
Eicosane, 10-heptyl-10-octyl-
Octadecane, 9-ethyl-9-heptyl-
Docosane, 7-butyl-

1639-03-8	873	82.34	w11main1	17613
26055-31-2	791	8.39	w11main2	17613
1120-64-5	752	1.98	w11main1	17613
0-00-0	851	13.32	w11main1	278042
0-00-0	843	9.93	w11main1	278042
62127-45-1	823	4.52	w11main1	278042
0-00-0	892	19.79	w11main1	5608
139131-45-6	874	10.21	w11main1	5608
0-00-0	843	2.78	w11main1	5608
55470-98-9	936	7.9	w11main2	40778
55282-27-4	929	6.05	w11main2	40778
55282-15-0	927	5.58	w11main2	40778

26.0624

26.6933

26.7809

26.7885

26.8888

28.2709

28.5679

28.89

28.9742

29.3132

29.4059

29.7635

Docosane, 9-octyl-
Acetic acid, trichloro-, butyl ester
Boric acid (H3BO3), tributyl ester
1-Hexene, 4-methyl-
Isoxazole, 3-(3-butenyl)-5-methyl-
4H,5H-Pyrano[4,3-d]-1,3-dioxin, tetrahydro-8a-methyl-
(E)-7-Methyl-4-octenoic acid
1-(4-Chlorophenyl)-2-octanone
2-(1-Phenylsulfonyl-1-methylethyl)-3-methyloxtane
(3E)-3-decylidene-5-methyl-2-oxolanone
Heptane, 2,4-dimethyl-
Hexane, 2,3,4-trimethyl-
1-Heptanol, 2-propyl-
branched - heptadecane ?
Hexadecane, 5-butyl-
Docosane, 9-octyl-
2-Buten-1-ol, propanoate
(2S)-2-(2-iodanylethyl)oxirane
(E)-4-methoxy-2-butenal
4-(2-Oxanyloxy)butanal
2,4,9,11-Tetramethyldodeca-5,7-diyne-4,9-diol
(2E)-3-Methyl-2,4-pentadien-1-ol
(2S-trans)-3-Octyloxiranemethanol
1-Butene, 2-ethyl-3-methyl-
2,2,3,4,5,5-Hexamethylhexane
Pivalic acid, methyl ester
2,2-dimethylpropanoic acid 2-methylpropyl ester
2-Propyldecan-1-ol
Hexadecane, 7,9-dimethyl-
Hexane, 2,3,4-trimethyl-
2,4,6-Octanetrione
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorotetradecane
2-(2,4-Dimethyloctyloxy)tetrahydropyran
(2S)-2-methyl-1-decanol
Hexane, 3-ethyl-4-methyl-
Isopropyl 2,2-Difluorodecanoate

55319-83-0	774	4.15	w11main2	172185
7/6/3657	851	52.29	w11main1	50810
688-74-4	821	14.53	w11main1	50810
3769-23-1	793	4.19	w11main1	50810
130628-72-7	943	89.55	w11main1	19100
54340-98-6	830	5.51	w11main1	19100
0-00-0	805	1.68	w11main1	19100
95110-77-3	840	59.12	w11main1	2357
0-00-0	824	34.05	w11main1	2357
0-00-0	760	5.59	w11main1	2357
2213-23-2	867	21.62	w11main1	441229
921-47-1	848	10.5	w11main1	441229
10042-59-8	843	8.46	w11main1	441229
0-00-0	867	6.16	w11main1	106388
7/8/6912	865	5.68	w11main1	106388
55319-83-0	863	5.24	w11main2	106388
58367-51-4	861	59.22	w11main1	15397
76282-41-2	847	37.07	w11main1	15397
66651-55-6	826	75.37	w11main1	24033
54911-85-2	784	16.91	w11main1	24033
0-00-0	730	3.31	w11main1	24033
1572-08-3	863	38.29	w11main1	25324
0-00-0	841	15.13	w11main1	25324
7357-93-9	817	5.07	w11main1	25324
55258-15-6	779	21.02	w11main1	5653
598-98-1	769	14.84	w11main1	5653
5129-38-4	767	13.69	w11main1	5653
0-00-0	852	11.17	w11main1	259245
21164-95-4	840	7.44	w11main1	259245
921-47-1	829	5.1	w11main1	259245
61067-58-1	902	66.31	w11main1	8944
0-00-0	825	8.09	w11main2	8944
0-00-0	822	7.14	w11main1	8944
0-00-0	778	59.11	w11main1	42913
3074-77-9	737	13.48	w11main1	42913
134682-39-6	712	4.11	w11main1	42913

21.9716

22.2503

22.3598

22.7859

23.7495

24.1327

24.3473

24.9199

25.1966

25.3957

25.6077

25.6132

25.9351

26.0673

26.0758

26.7941

3-Thujene
1-Methyl-2-isopropenylcyclobutene
exo-3,6-Dimethyl-7-propylbicyclo4.2.0]oct-2-en-8-one
1,1-Dimethyl-3-methylene-1,4-pentadiene
2-Thujene
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-
2,4-Dioxaspiro[5.5]undec-8-ene
anti OR syn-Dispiro[5.0.5.2]tetradeca-1,8-diene
Cyclopropane, 1,2-butadienyl-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
1,1,2,3,3,3-Hexakis(fluoranyl)propylcyclopentane
1-Hydroxy-3-penten-2-one
1-Hydroxy-3-penten-2-one
7,7-Bis(methylthio)-6-methyl-1-(2-thienyl)-2,4,6-heptatriien-1-one
6-Chloro-2-(2,4,6-trimethylphenyl)quinoxaline
14-Benzyl-14H-dibenzo[a,j]xanthene
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Pentane, 2,2,3-trimethyl-
Benzene, 1-ethyl-2,3-dimethyl-
Benzene, 2-ethyl-1,3-dimethyl-
Benzene, 1-methyl-4-(1-methylethyl)-
(1R,4R,6S)-4-isopropenyl-1-methyl-norcaran-2-one
(E) 2-(2-Propenyl)-1-nitropent-3-ene
1,4-Dimethyl-4-vinyl-1-cyclohexene
Heptane, 3-(chloromethyl)-
Butane, 2,2,3,3-tetramethyl-
Heptane, 2-bromo-
Propanoic acid, 1,1-dimethylethyl ester
Sulfurous acid, bis(2-methylpropyl) ester
Heneicosane, 11-(2,2-dimethylpropyl)-
2-Hexyl-2-decenal
N1-Acetyl-N2-(1-oxoprop-2-en-1-yl)hydrazide
(Z)-2-(2-Hydroxyethyl)-1-(but-1-enyl)cyclopropanol
Heptane, 2,4-dimethyl-
Undecane
Tridecane
4,8-Dimethylundecane
branched - heptadecane ?
Hydroxylamine, O-(3-methylbutyl)-
Methane, isocyanato-
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Methane, isocyanato-
Hexane, 2,3,4-trimethyl-

5/2/2867	792	11.67	w11main1	279752
0-00-0	825	35.72	w11main1	35026
0-00-0	802	13.04	w11main1	35026
0-00-0	794	9.73	w11main1	35026
28634-89-1	860	35.07	w11main1	136681
59034-54-7	839	14.92	w11main1	136681
99-83-2	835	12.6	w11main1	136681
7092-19-5	800	46.58	w11main1	49945
0-00-0	782	24.02	w11main1	49945
61422-87-5	762	10.94	w11main1	49945
79-92-5	895	19.64	w11main1	1975183
79-92-5	887	19.64	w11main1	1975183
79-92-5	879	19.64	w11main1	1975183
0-00-0	870	33.63	w11main1	54486
0-00-0	866	28.41	w11main1	54486
0-00-0	843	10.37	w11main1	54486
0-00-0	825	9.98	w11main1	49181
0-00-0	820	8.04	w11main1	49181
0-00-0	819	7.73	w11main2	49181
13475-82-6	884	25.87	w11main1	10825026
13475-82-6	877	25.87	w11main1	10825026
564-02-3	861	9.44	w11main1	10825026
933-98-2	825	18.49	w11main1	145533
4/4/2870	823	17.06	w11main1	145533
99-87-6	820	15.07	w11main1	145533
0-00-0	706	18.83	w11main1	46260
0-00-0	705	18.1	w11main1	46260
1743-61-9	703	16.69	w11main1	46260
123-04-6	844	17.26	w11main1	917630
594-82-1	840	14.58	w11main1	917630
4/5/1974	836	12.32	w11main1	917630
20487-40-5	931	55.32	w11main1	61900
18748-27-1	854	6.74	w11main1	61900
55282-10-5	838	3.88	w11main2	61900
0-00-0	787	38.92	w11main1	24963
0-00-0	769	20.07	w11main1	24963
0-00-0	768	19.29	w11main1	24963
2213-23-2	831	7.51	w11main1	1402832
1120-21-4	819	5	w11main1	1402832
629-50-5	813	3.93	w11main1	1402832
17301-33-6	844	7.13	w11main1	192638
0-00-0	839	5.75	w11main1	192638
19411-65-5	838	5.53	w11main1	192638
624-83-9	901	43.82	w11main1	58149
0-00-0	893	32.69	w11main1	58149
624-83-9	890	43.82	w11main1	58149
921-47-1	852	10.74	w11main1	477458

24.9067
24.9137

24.918
25.187

25.3855

25.5945

25.922

25.9234

26.0559

26.2195

26.6919

26.6962

26.7894

26.8892

26.8906

28.2679
28.2741

28.5678

Heptane, 2,2,4,6,6-pentamethyl-
2-Methyl-2-phenyltetrahydropyran-6-ol
Bicyclo[4.1.0]hept-3-ene-2-thiol, 3,7,7-trimethyl-, [1S-(1a,2a,6a)]-
2-cyclopentyl-1-(2-methylphenyl)ethanone
1-Amylphthalan
N-Benzyl-N-[(3E)-3,5-hexadien-1-yl]amine
(E) 2-(2-Propenyl)-1-nitropent-3-ene
t-1-Acetoxyethyl-1-methyl-c-2-isopropenylcyclobutane
(E) 4-Methyl-2,6-heptadiene
Heptane, 3-(chloromethyl)-
Butane, 2,2,3,3-tetramethyl-
4-Bromoheptane
Dodecane, 2,2,4,9,11,11-hexamethyl-
2-methylpropanethioic acid S-(allylthio) ester
Senbusine A
1-Hexene, 3,5,5-trimethyl-
1-Hexene, 3,5,5-trimethyl-
2,4,4-Trimethylpentyl 3,5,5-trimethylhexanoate
Heptane, 3-ethyl-3-methyl-
Dodecane
Dodecane
Hentriacontane
1,1-Bis(fluoranyl)dodecane
Undecane
(1R,2R,4S)-1-methyl-4-propan-2-yl-cyclohexane-1,2,4-triol
trans-2,2,5,6,6-pentamethyl-3-hepten-5-ol
3-[((E)-But-2-enyl)oxy]-butan-2-one
6,8-Dioxabicyclo[3.2.1]octane-4-carboxylic acid, 5-ethyl-2-methyl-, ethyl ester, [1S-(2-endo,4-exo)]-
1-Methylbutyl nitrite
Undecane, 2,6-dimethyl-
Hydroxylamine, O-(2-methylpropyl)-
1,1-Bis(fluoranyl)dodecane
Heptadecane, 2,6,10,14-tetramethyl-
Dodecane, 5-methyl-
2,4,6-Trimethyl-1-nonene
Hexane, 1-(ethenyloxy)-
Isooctanols
n-Cetyl thiocyanate
n-Cetyl thiocyanate
Heptadecane, 2,6,10,15-tetramethyl-
5-Hepten-3-one, 2,6-dimethyl-
1,1-Bis(fluoranyl)dodecane
Hydroxylamine, O-decyl-
Pentadecane, 8-hexyl-
1-Hexanol, 2-ethyl-2-propyl-
branched - heptadecane ?
Undecane, 5-ethyl-5-propyl-

13475-82-6	879	34.64	w11main1	11051152
133549-38-9	711	63.89	w11main1	28314
88106-13-2	828	29.95	w11main1	127164
0-00-0	826	27.63	w11main1	127164
0-00-0	784	6.2	w11main1	127164
0-00-0	760	87.73	w11main1	40235
0-00-0	747	36.27	w11main1	55222
0-00-0	745	33.45	w11main1	55222
0-00-0	728	18.26	w11main1	55222
123-04-6	856	16.47	w11main1	1043789
594-82-1	846	11.62	w11main1	1043789
998-93-6	845	11.17	w11main1	1043789
6304-50-3	824	82.55	w11main1	40106
0-00-0	720	5.72	w11main1	40106
0-00-0	703	3.12	w11main2	40106
4316-65-8	721	10.11	w11main1	280556
4316-65-8	718	10.11	w11main1	280556
0-00-0	709	6.73	w11main1	280556
17302-01-1	852	14.85	w11main1	1391979
112-40-3	851	14.28	w11main1	1391979
112-40-3	832	14.28	w11main1	1391979
630-04-6	865	13.72	w11main2	264423
62127-45-1	844	5.83	w11main1	264423
1120-21-4	833	4	w11main1	264423
0-00-0	828	88.62	w11main1	32807
0-00-0	725	6.25	w11main1	32807
0-00-0	792	80.74	w11main1	22463
112837-20-4	717	10.49	w11main1	22463
0-00-0	927	43.81	w11main1	47962
17301-23-4	862	7.05	w11main1	47962
5618-62-2	859	6.23	w11main1	47962
62127-45-1	838	10.08	w11main1	607189
18344-37-1	830	7.51	w11main1	607189
17453-93-9	827	6.64	w11main1	607189
55771-40-9	732	27.2	w11main1	199457
5363-64-4	701	7.41	w11main1	199457
0-00-0	700	7.12	w11main1	199457
0-00-0	779	32.12	w11main1	76606
0-00-0	779	32.12	w11main1	76606
54833-48-6	736	7.08	w11main1	76606
5782-75-2	700	56.02	w11main1	18527
62127-45-1	874	6.02	w11main1	97634
29812-79-1	873	5.78	w11main1	97634
13475-75-7	871	5.33	w11main1	97634
54461-00-6	927	16.92	w11main1	50201
0-00-0	909	8.72	w11main1	50201
7/9/2755	907	8.04	w11main1	50201

28.5675

28.6204
28.8935

29.3146

29.4564

29.7645

1-Propene, 3-(ethenyloxy)-
4-Pentenoic acid
1,3,9-Trioxaspiro[5.5]undecane
2-Butanethiol, 2-methyl-
Disulfide, bis(2,2-dimethylpropyl)
4,6-Dichloro-2-ethyl-1-phenyl-2,5-diazabicyclo[2.2.2[oct-5-en-3-one
Octa-1,3,7-triene-3,4-oxide
1-Hexene, 5-iodo-
4-Penten-1-ol, 3-methyl-
2-Propyldecan-1-ol
Hexadecane, 7,9-dimethyl-
1-Octanol, 2,2-dimethyl-
2,2-dimethylpropanoic acid 3-acetyloxypropyl ester
4-Heptanone, 3-methyl-
2,2-dimethylpropyl 2-methylpropanoate
1-Heptanol, 2-propyl-
1a,2,3,4,9,9a-hexahydro-5,6,7,8-tetraphenylbenzo[4,5]cycloocta[1,2-b]oxirene
Heptadecane, 4-propyl-

3917-15-5	802	32.64	w11main1	14217
591-80-0	724	3.85	w11main1	14217
429-36-7	883	57.1	w11main1	16633
1679-09-0	835	11.83	w11main1	16633
37552-63-9	822	7.64	w11main1	16633
0-00-0	806	96.49	w11main1	24524
0-00-0	772	31.32	w11main1	24386
22212-06-2	763	22.74	w11main1	24386
54702-04-4	755	16.96	w11main1	24386
0-00-0	868	12.43	w11main1	335740
21164-95-4	856	8.28	w11main1	335740
2370-14-1	840	4.76	w11main1	335740
0-00-0	871	39.54	w11main1	20597
15726-15-5	862	28.71	w11main1	20597
0-00-0	841	12.21	w11main1	20597
10042-59-8	905	24.28	w11main1	73362
106543-69-5	900	19.57	w11main2	73362
55044-10-5	895	15.77	w11main1	73362

26.8938

28.276

28.893

28.9798

29.3133

29.4558

29.5477

29.5524

29.7633

30.5309

30.5309

1-Heptanol, 2-propyl-
Heptane, 2,4-dimethyl-
1,1-Bis(fluoranyl)dodecane
Pentadecane, 2-methyl-
Octane, 2-bromo-
Heptadecane, 4-propyl-
Pentane, 1,3-epoxy-4-methyl-
Dodecane, 5,8-diethyl-
4-Penten-1-ol, 3-methyl-
8-Chloro-3,7-dimethyloct-6-en-1-ol
4-Hexen-1-ol, (Z)-
1-Allyloxyoctane
(E)-4,5,5-Trimethyl-2-hexen-1-ol
2,2-Dimethylpropyl nitrite
Tridecane
Hentriacontane
Octane, 2,4,6-trimethyl-
2,2-dimethylpropanoic acid 2-acetyloxyethyl ester
Isopropyl 3-methyl-2-oxopentanoate
Decane, 5-methyl-
1-Allyloxyoctane
2,2-Dimethylpropyl nitrite
3-Hexanone, 2,2-dimethyl-
3-Hexanone, 4-ethyl-
Heptane, 5-ethyl-2-methyl-
4-Heptanone, 3-methyl-
Hexadecane, 7,9-dimethyl-
1,1-Bis(fluoranyl)dodecane
2-Propyldecan-1-ol
1-Octene-3,4-dione
2-methyl-2-[(2R)-2-oxiranyl]-3-pentanone
(+-)-2-Methyl-2-oxiranylpentan-3-one
1-Octene-3,4-dione
2-methyl-2-[(2R)-2-oxiranyl]-3-pentanone
(+-)-2-Methyl-2-oxiranylpentan-3-one

10042-59-8	850	9.91	w11main1	477458
2213-23-2	847	8.76	w11main1	477458
62127-45-1	816	9.3	w11main1	116060
1560-93-6	814	8.57	w11main1	116060
557-35-7	814	8.57	w11main1	116060
55044-10-5	885	41.65	w11main1	83237
15045-60-0	848	10.13	w11main1	83237
24251-86-3	834	6.34	w11main1	83237
54702-04-4	741	31.03	w11main1	29755
0-00-0	737	26.22	w11main1	29755
928-91-6	708	7.43	w11main1	29755
3295-97-4	785	25.97	w11main1	20289
0-00-0	770	15.73	w11main1	20289
0-00-0	758	10.48	w11main1	20289
629-50-5	848	7.86	w11main1	649771
630-04-6	843	6.33	w11main2	649771
62016-37-9	832	4.34	w11main1	649771
0-00-0	884	33.98	w11main1	25627
0-00-0	870	21.27	w11main1	25627
13151-35-4	853	11.61	w11main1	25627
3295-97-4	875	46.15	w11main1	5130
0-00-0	873	42.57	w11main1	5130
5405-79-8	805	6.45	w11main1	5130
12/8/6137	914	32.47	w11main1	9471
13475-78-0	909	26.17	w11main1	9471
15726-15-5	908	25.15	w11main1	9471
21164-95-4	877	9.32	w11main1	155878
62127-45-1	873	7.87	w11main1	155878
0-00-0	867	6.19	w11main1	155878
0-00-0	775	31.45	w11main1	11488
0-00-0	767	23.46	w11main1	11488
0-00-0	762	18.91	w11main1	11488
0-00-0	775	31.45	w11main1	11488
0-00-0	767	23.46	w11main1	11488
0-00-0	762	18.91	w11main1	11488

28.8846

28.8915

28.9736

29.3135

29.7633

29.8506

29.8506

4-Ketovaleramide
1H-Cyclonona[1,2-c:5,6-c']difuran-1,3,6,8(4H)-tetrone, 4-(acetyloxy)-5-[1-(acetyloxy)heptyl]-10-[[(acetyloxy)(3,6-dihydro-
Acetic acid (S)-1-methyl-2-(3-methyl-isoxazol-5-yl)-ethyl ester
4-Methylidenetridec-12-enal
Butane, 1,4-dicyclopentyl-
Cyclopentane, (2-methylpropyl)-
Isoxazole, 3-(3-butenyl)-5-methyl-
2,4,4-Trimethyl-2-penten-1-ol
6-Ketohexanenitrile
2-Propyldecan-1-ol
Hentriacontane
4-Methyl-1-undecene
branched - heptadecane ?
1-Hexanol, 2-ethyl-2-propyl-
Docosane, 9-octyl-
3-Pentylcyclooctanone
Cyclobutaneacetic acid, 2-amino-, cis-
(1R,2S)-2-(aminomethyl)-1-cyclopropanecarboxylic acid
3-Pentylcyclooctanone
Cyclobutaneacetic acid, 2-amino-, cis-
(1R,2S)-2-(aminomethyl)-1-cyclopropanecarboxylic acid

0-00-0	828	79.95	w11main1	14318
27646-47-5	739	6.9	w11main2	14318
0-00-0	736	6.1	w11main1	14318
0-00-0	770	28.95	w11main1	47301
2980-70-3	768	26.7	w11main1	47301
3788-32-7	733	6.7	w11main1	47301
130628-72-7	869	89.35	w11main1	7181
0-00-0	729	3.03	w11main1	7181
0-00-0	703	0.91	w11main1	7181
0-00-0	841	9.19	w11main1	614573
630-04-6	837	7.76	w11main2	614573
74630-39-0	831	6.1	w11main1	614573
0-00-0	854	8.03	w11main1	160829
54461-00-6	844	5.67	w11main1	160829
55319-83-0	836	4.23	w11main2	160829
84002-76-6	803	74.7	w11main1	5682
84673-55-2	725	8.81	w11main1	5682
74028-33-4	725	8.81	w11main1	5682
84002-76-6	803	74.7	w11main1	5682
84673-55-2	725	8.81	w11main1	5682
74028-33-4	725	8.81	w11main1	5682

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\032119\
Data File : 032119_2.d
Acq On : 21 Mar 2019 18:36
Operator : BTP
Sample : cal 1-
Misc : PFAS CAL4
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:00:38 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Thu Mar 28 10:05:27 2019
Response via : Initial Calibration

Compound

Internal Standard
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:25:35 2019

cc

PFAS light main Cal 1

R.T.	Qion	Response	ppbv calc conc	ppbv actual conc
27.003	117	125643442	20	20
5.779	81	26433074	0.36	0.819
9.412	131	1384516	0.49	0.4097
17.595	101	7194997	0.64	0.83755
23.004	169	7924383	0.46	0.57839

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\032119\
Data File : 032119_3.d
Acq On : 21 Mar 2019 19:44
Operator : BTP
Sample : cal 1-
Misc : PFAS CAL4
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Mar 28 10:04:19 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue Mar 26 12:54:44 2019
Response via : Initial Calibration

Compound

Internal Standard
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:26:05 2019

cc

PFAS light main Cal 2

R.T.	Qion	Response	ppbv calc conc	ppbv actual conc
27.001	117	124671488	20	20
5.785	81	61563868	2.21	2.048
9.414	131	3139793	0.99	1.0245
17.616	101	18127153	1.62	2.094
22.983	169	17771755	1.04	1.446

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\032119\
Data File : 032119_4.d
Acq On : 21 Mar 2019 20:52
Operator : BTP
Sample : cal 1-
Misc : PFAS CAL4
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:27:20 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound

Internal Standards
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:26:23 2019

cc

PFAS light main Cal 3

R.T.	Qion	Response	ppbv calc conc	ppbv actual conc
27.004	117	127108490	20	20
5.775	81	106896509	3.94	4.09
9.413	131	6961815	2.11	2.0485
17.599	101	43246717	4.12	4.1875
22.932	169	49275468	3.18	2.892

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\032119\
Data File : 032119_5.d
Acq On : 21 Mar 2019 22:02
Operator : BTP
Sample :
Misc : PFAS CAL4
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:29:21 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound

Internal Standards
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:26:35 2019

cc

R.T.	Qion	Response	ppbv calc conc	ppbv actual conc	
27.005	117	133662001	20.00	20.00	
					External RF
5.783	81	236234095	9.92	8.19	3.46858E-08
9.416	131	15146382	4.17	4.10	2.70494E-07
17.6	101	100968471	8.62	8.38	8.29467E-08
22.966	169	110466381	6.23	5.78	5.23589E-08

150 cc

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\032119\
Data File : 032119_6.d
Acq On : 21 Mar 2019 23:15
Operator : BTP
Sample :
Misc : PFAS CAL4
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:31:44 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.007
Target Compounds	
TFE	5.777
HFP	9.412
E1	17.585
E2	22.935

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:26:45 2019

QIon	Response	ppbv calc conc	ppbv actual conc
117	134390875	20	20
81	279102018	12.96	12.29096
131	24140332	6.32	6.1455
101	164032489	13.15	12.5625
169	183688008	9.49	8.676

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_4.d
Acq On : 4 Apr 2019 21:42
Operator : BTP
Sample :
Misc : TFE HFP std
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:07:09 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.01
Target Compounds	
TFE	5.784
HFP	9.416
E1	17.589
E2	22.974

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:30:14 2019

QIon	Response	ppbv calc conc	ppbv actual conc	% error
117	121755384	20	20	
81	204343285	9.2	8.19	12%
131	13542958	4.1	4.097	0%
101	95428597	8.91	8.375	6%
169	115919771	7.03	5.7839	22%

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040319\
Data File : 040419_3.d
Acq On : 4 Apr 2019 20:31
Operator : BTP
Sample :
Misc : Bblk1
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:07:09 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standard	
d5 chlorobenzene	27.01
Target Compounds	
TFE	5.784
HFP	9.416
E1	17.589
E2	22.974

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:30:14 2019

QIon	Response	ppbv calc conc
117	107831998	20
81	0	ND
131	0	ND
101	0	ND
169	0	ND

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_5.d
Acq On : 4 Apr 2019 22:52
Operator : BTP
Sample :
Misc : St Gob Samp1
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:08:35 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.812
HFP	9.422
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:30:55 2019

QIon	Response	ppbv calc Conc
117	112830517	20
81	1274016	0.05
131	97124	0.03
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_6.d
Acq On : 5 Apr 2019 00:03
Operator : BTP
Sample :
Misc : St Gob Samp1 dup
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:10:40 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.011
Target Compounds	
TFE	5.821
HFP	9.421
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:34:04 2019

QIon	Response	ppbv calc Conc
117	112228846	20
81	859690	0.03
131	62072	0.02
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_7.d
Acq On : 5 Apr 2019 1:13
Operator : BTP
Sample :
Misc : St Gob Samp2
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:11:23 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.011
Target Compounds	
TFE	5.804
HFP	9.412
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:36:00 2019

QIon	Response	ppbv calc Conc
117	117442632	20
81	605588	0.02
131	52160	0.02
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_8.d
Acq On : 5 Apr 2019 2:24
Operator : BTP
Sample :
Misc : St Gob Samp3
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:12:38 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.787
HFP	9.421
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:40:30 2019

QIon	Response	ppbv calc Conc
117	120631461	20
81	420553	0.01
131	69617	0.02
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_9.d
Acq On : 5 Apr 2019 3:34
Operator : BTP
Sample :
Misc : St Gob Samp4
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:12:38 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound

Internal Standards
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:40:30 2019

R.T.	QIon	Response	ppbv calc Conc
27.012	117	122770292	20
5.787	81	579971	0.02
9.421	131	65008	0.02
0		0	N.D.
0		0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_10d
Acq On : 5 Apr 2019 4:45
Operator : BTP
Sample :
Misc : St Gob Samp5
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:12:38 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.787
HFP	9.421
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:40:30 2019

QIon	Response	ppbv calc Conc
117	111325314	20
81	301912	0.01
131	69518	0.03
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_11.d
Acq On : 5 Apr 2019 5:55
Operator : BTP
Sample :
Misc : St Gob Samp6
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:14:35 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.779
HFP	9.429
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:27:30 2019

QIon	Response	ppbv calc Conc
117	114844048	20
81	520625	0.02
131	76782	0.03
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_12.d
Acq On : 5 Apr 2019 7:07
Operator : BTP
Sample :
Misc : St Gob Samp6
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:14:35 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.787
HFP	9.429
E1	17.517
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:27:30 2019

QIon	Response	ppbv calc Conc
117	111067575	20
81	570313	0.02
131	100445	0.04
101	99646	0.01
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_13.d
Acq On : 5 Apr 2019 8:17
Operator : BTP
Sample :
Misc : St Gob Samp8
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:16:30 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.779
HFP	9.412
E1	17.558
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:28:05 2019

QIon	Response	ppbv calc Conc
117	116149850	20
81	907773	0.03
131	93526	0.03
101	71363	0.01
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_14.d
Acq On : 5 Apr 2019 9:27
Operator : BTP
Sample :
Misc : St Gob Samp9
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:16:30 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.011
Target Compounds	
TFE	5.754
HFP	9.41
E1	17.558
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:28:05 2019

QIon	Response	ppbv calc Conc
117	109969153	20
81	457038	0.02
131	116183	0.04
101		N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_15.d
Acq On : 5 Apr 2019 10:38
Operator : BTP
Sample :
Misc : St Gob Sam10
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:17:43 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.012
Target Compounds	
TFE	5.782
HFP	9.409
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:28:22 2019

QIon	Response	ppbv calc Conc
117	96995803	20
81	1010074	0.04
131	127147	0.05
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040419\
Data File : 040419_16.d
Acq On : 5 Apr 2019 11:48
Operator : BTP
Sample :
Misc : St Gob Sam11
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 28 17:18:21 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.011
Target Compounds	
TFE	5.779
HFP	9.415
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:28:33 2019

QIon	Response	ppbv calc Conc
117	94779360	20
81	1023323	0.05
131	141530	0.06
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040819\
Data File : 040819_4.d
Acq On : 8 Apr 2019 20:39
Operator : BTP
Sample :
Misc : TFE HFP std
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:46:14 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:10 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.019
Target Compounds	
TFE	5.785
HFP	9.425
E1	17.583
E2	23.008

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:43:07 2019

ISTD dropping therefore external needed for 4/8 and 4/9 data

QIon	Response	ppbv calc Conc	calculated ppbv Actual Conc set as cal		ppbv actual conc
117	67018387	20			20
				External RF	
81	207989050	Below	8.19	3.93771E-08	8.19
131	11098530	5.88	4.097	3.69148E-07	4.097
101	64839592	10.74	8.375	1.29165E-07	8.375
169	68234389	7.44	5.7839	8.47652E-08	5.7839

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040919\
Data File : 040919_3.d
Acq On : 9 Apr 2019 13:19
Operator : BTP
Sample :
Misc : Batch blk 2
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:52:50 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.021
Target Compounds	
TFE	5.829
HFP	9.471
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:50:59 2019

QIon	Response	ppbv calc Conc	RECALC calc conc
117	58487194	20	
81	224913	0.02	0.008856416
131	29043	0.02	0.010721165
	0	N.D.	
	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040819\
Data File : 040819_5.d
Acq On : 8 Apr 2019 22:58
Operator : BTP
Sample :
Misc : Trip Blank
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:47:12 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.016
Target Compounds	
TFE	5.804
HFP	9.421
E1	17.659
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:44:23 2019

QIon	Response	ppbv calc Conc	ppbv Recalc conc
117	65351930	20	
81	905074	0.06	0.035639165
131	66676	0.04	0.024613311
101	81367	0.02	0.010509761
	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040819\
Data File : 040819_6.d
Acq On : 9 Apr 2019 00:08
Operator : BTP
Sample :
Misc : Trip Blank dup
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:49:06 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.02
Target Compounds	
TFE	5.816
HFP	9.496
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:45:24 2019

QIon	Response	ppbv calc Conc	ppbv Recalc conc
117	65501946	20	
81	562484	0.04	0.022148974
131	42259	0.03	0.015599825
	0	N.D.	
	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040819\
Data File : 040819_7.d
Acq On : 9 Apr 2019 14:28
Operator : BTP
Sample :
Misc : Field Blank
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:49:49 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.02
Target Compounds	
TFE	5.804
HFP	9.462
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:46:30 2019

QIon	Response	ppbv calc Conc	ppbv Recalc Conc
117	59248865	20	
81	209616	0.01	0.008254065
131	38291	0.03	0.014135046
	0	N.D.	
	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040819\
Data File : 040819_8.d
Acq On : 9 Apr 2019 15:38
Operator : BTP
Sample :
Misc : Ambient
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:50:25 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.021
Target Compounds	
TFE	5.812
HFP	9.479
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:48:01 2019

QIon	Response	ppbv calc Conc	ppbv Recalc Conc
117	58565535	20	
81	232819	0.02	0.009167731
131	28894	0.02	0.010666162
	0	N.D.	
	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\040819\
Data File : 040819_9.d
Acq On : 9 Apr 2019 16:49
Operator : BTP
Sample :
Misc : System Blank
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:51:08 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.02
Target Compounds	
TFE	5.787
HFP	9.421
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:48:57 2019

QIon	Response	ppbv calc Conc	ppbv Recalc Conc
117	61488129	20	
81	406005	0.03	0.015987289
131	37253	0.02	0.01375187
	0	N.D.	
	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_3.d
Acq On : 11 Apr 2019 12:20
Operator : BTP
Sample :
Misc : TFE HFP E1 STD
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:53:58 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.019
Target Compounds	
TFE	5.789
HFP	9.42
E1	17.589
E2	23.006

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:51:50 2019

QIon	Response	ppbv calc Conc	ppbv Actual Conc	%error
117	117574424	20		
81	231952548	11.81	8.19	44%
131	15032252	4.65	4.097	13%
101	120508370	11.3	8.375	35%
169	128367589	7.89	5.7839	36%

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_4.d
Acq On : 11 Apr 2019 13:31
Operator : BTP
Sample :
Misc : Batch blk 2
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:56:21 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.02
Target Compounds	
TFE	5.804
HFP	9.437
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:53:03 2019

QIon	Response	ppbv calc Conc
117	111114170	20
81	5643895	0.22
131	109832	0.04
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_5.d
Acq On : 11 Apr 2019 14:41
Operator : BTP
Sample :
Misc : St.Gobain Samp12
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 14:57:10 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.02
Target Compounds	
TFE	5.796
HFP	9.417
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:53:59 2019

QIon	Response	ppbv calc Conc
117	113503284	20
81	5645629	0.21
131	191604	0.07
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_6.d
Acq On : 11 Apr 2019 15:51
Operator : BTP
Sample :
Misc : St.Gobain Samp12D
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 15:00:27 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.019
Target Compounds	
TFE	5.779
HFP	9.404
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:55:14 2019

QIon	Response	ppbv calc Conc
117	111463849	20
81	5543369	0.21
131	148900	0.05
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_7.d
Acq On : 11 Apr 2019 17:02
Operator : BTP
Sample :
Misc : St.Gobain Samp13
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 15:02:05 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.02
Target Compounds	
TFE	5.787
HFP	9.41
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:55:53 2019

QIon	Response	ppbv calc Conc
117	114135891	20
81	5268925	0.2
131	201789	0.07
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_8.d
Acq On : 11 Apr 2019 18:12
Operator : BTP
Sample :
Misc : St.Gobain Samp14
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 15:03:48 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.019
Target Compounds	
TFE	5.779
HFP	9.426
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:57:08 2019

QIon	Response	ppbv calc Conc
117	109119305	20
81	5177077	0.2
131	171718	0.06
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_9.d
Acq On : 11 Apr 2019 19:23
Operator : BTP
Sample :
Misc : St.Gobain Samp15
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 15:03:48 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.019
Target Compounds	
TFE	5.824
HFP	9.426
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:57:08 2019

QIon	Response	ppbv calc Conc
117	110679874	20
81	3170336	0.12
131	129432	0.05
	0	N.D.
	0	N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\041119\
Data File : 041119_10.d
Acq On : 11 Apr 2019 20:33
Operator : BTP
Sample :
Misc : St.Gobain Samp16
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 29 15:05:39 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed May 29 14:46:55 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.019
Target Compounds	
TFE	5.779
HFP	9.415
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Wed May 29 15:58:42 2019

QIon	Response	ppbv calc Conc
117	107676747	20
81	4734391	0.19
131	153315	0.06
	0	N.D.
	0	N.D.

PFAS Can dilutions

DF=dilution factor
P=pressure
DC=daily cal
LB= lab blank
REP=replicate analysis

File Name	Sample name
032119_2.D	TFE HFP E1E2 cal1
032119_3.D	TFE HFP E1E2 cal2
032119_4.D	TFE HFP E1E2 cal3
032119_5.D	TFE HFP E1E2 cal4
032119_6.D	TFE HFP E1E2 cal5
040419_4.D	TFE HFP E1E2 cal4
040419_3.D	batch blank 1
040419_5.D	Sample 1
040419_6.D	Sample 1dup
040419_7.D	Sample 2
040419_8.D	Sample 3
040419_9.D	Sample 4
040419_10.D	Sample 5
040419_11.D	Sample 6
040419_12.D	Sample 7
040419_13.D	Sample 8
040419_14.D	Sample 9
040419_15.D	Sample 10
040419_16.D	Sample 11
040819_4.D	TFE HFP E1E2 cal4
040819_3.D	Batch Blank 2
040819_5.D	Trip Blank
040819_6.D	Trip Blank dup
040819_7.D	Field Blank
040819_8.D	Ambient
040819_9.D	System blank
041119_3.D	TFE HFP E1E2 cal4
041119_4.D	Batch Blank 2
041119_5.D	Sample 12
041119_6.D	Sample 12 dup
041119_7.D	Sample 13
041119_8.D	Sample 14
041119_9.D	Sample 15
041119_10.D	Sample 16

Can ID	Pi psia	Pf psia	DF	QC samples
			1	
			1	
			1	
			1	
			1	
"068"			1	LB
NP1	11.4	29.2	2.561403509	
NP1	11.4	29.2	2.561403509	REP
721	11	29.7	2.7	
2504	11.3	29.9	2.646017699	
A378	11.4	29.7	2.605263158	
262	11.4	29.9	2.622807018	
404	11.4	29.8	2.614035088	
751	11.3	29.8	2.637168142	
MTC48	11.3	29.4	2.601769912	
700	11.2	29.9	2.669642857	
2521	11.3	29.2	2.584070796	
651	11.4	29.2	2.561403509	
				DC
"N1"			1	LB
RK8 Trip Blank	0.1	29.8	1	
RK8 Trip Blank	0.1	29.8	1	
"021" FB	0.5	29.7	1	
744	8.8	29	3.295454545	
BTP1	8.9	29.9	3.359550562	
				DC
"N1"			1	LB
793	11.1	29.9	2.693693694	
793	11.1	29.9	2.693693694	REP
RK9	11.4	29.9	2.622807018	
253	11.5	29.5	2.565217391	
723	11	29.7	2.7	
321	10.4	29.8	2.865384615	

		10 cc of std mix	25 cc of std mix
File Name		032119_2.D	032119_3.D
Sample name		TFE HFP E1E2 cal1	TFE HFP E1E2 cal2
Can ID			
Pi	psia		
Pf	psia		
DF		1	1

Compound	Response	Response
Internal Standard		
d5 chlorobenzene	125643442	124671488
Target Compounds		
TFE	26433074	61563868
HFP	1384516	3139793
E1	7194997	18127153
E2	7924383	17771755

Compound
Internal Standard
d5 chlorobenzene
Target Compounds
TFE
HFP
E1
E2

Compound
Internal Standard
d5 chlorobenzene
Target Compounds
TFE
HFP
E1
E2

50 cc of std mix	100 cc of std mix	150 cc of std mix
032119_4.D	032119_5.D	032119_6.D
TFE HFP E1E2 cal3	TFE HFP E1E2 cal4	TFE HFP E1E2 cal5

1	1	1
Response	Response	Response
---	---	---
127108490	133662001	134390875
106896509	236234095	279102018
6961815	15146382	24140332
43246717	100968471	164032489
49275468	110466381	183688008

Compound

Internal Standard
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

Compound

Internal Standard
d5 chlorobenzene

Target Compounds
TFE
HFP
E1
E2

data file

040419_4.D		040419_3.D		040419_5.D	
TFE HFP E1E2 cal4		batch blank 1		Sample 1	
		"068"		NP1	
					11.4
					29.2
	1		1		2.561403509
Response		Response		Response	
----------		----------		----------	
	121755384		107831998		112830517
	204343285				1274016
	13542958				97124
	95428597				0
	115919771				0
ppbv		ppbv		ppbv	
calc conc		calc conc		calc Conc	
-------		-------		-------	
	20		20		20
	9.2	ND			0.05
	4.1	ND			0.03
	8.91	ND		ND	
	7.03	ND		ND	
ppbv		ppbv		ppbv	
calc conc		calc conc		calc Conc	
-------		-------		-------	
	20		20		20
ppbv		ppbv		ppbv	
TFE HFP E1E2 cal4		batch blank 1		Sample 1	
	9.20		ND		0.13
	4.10		ND		0.08
	8.91		ND		ND
	7.03		ND		ND
		112118_35		030419_3	

040419_6.D	040419_7.D	040419_8.D
Sample 1dup	Sample 2	Sample 3
NP1	721	2504
11.4	11	11.3
29.2	29.7	29.9
2.561403509	2.7	2.646017699
Response	Response	Response
---	---	---
112228846	117442632	120631461
859690	605588	420553
62072	52160	69617
0	0	0
0	0	0
ppbv	ppbv	ppbv
calc Conc	calc Conc	calc Conc
---	---	---
20	20	20
0.03	0.02	0.01
0.02	0.02	0.02
ND	ND	ND
ND	ND	ND
ppbv	ppbv	ppbv
calc Conc	calc Conc	calc Conc
---	---	---
20	20	20
ppbv	ppbv	ppbv
Sample 1dup	Sample 2	Sample 3
0.08	0.05	0.03
0.05	0.05	0.05
ND	ND	ND
ND	ND	ND
030419_3	030419_4	030418_10

040419_9.D		040419_10.D		040419_11.D	
Sample 4		Sample 5		Sample 6	
A378		262		404	
	11.4		11.4		11.4
	29.7		29.9		29.8
	2.605263158		2.622807018		2.614035088
Response		Response		Response	
----------		----------		----------	
	122770292		111325314		114844048
	579971		301912		520625
	65008		69518		76782
	0		0		0
	0		0		0
ppbv		ppbv		ppbv	
calc Conc		calc Conc		calc Conc	
-------		-------		-------	
	20		20		20
	0.02		0.01		0.02
	0.02		0.03		0.03
ND		ND		ND	
ND		ND		ND	
ppbv		ppbv		ppbv	
calc Conc		calc Conc		calc Conc	
-------		-------		-------	
	20		20		20
ppbv		ppbv		ppbv	
Sample 4		Sample 5		Sample 6	
	0.05		0.03		0.05
	0.05		0.08		0.08
	ND		ND		ND
	ND		ND		ND
112018_30		112018_23		112018_24	

040419_12.D		040419_13.D		040419_14.D	
Sample 7		Sample 8		Sample 9	
751		MTC48		700	
	11.3		11.3		11.2
	29.8		29.4		29.9
	2.637168142		2.601769912		2.669642857
Response		Response		Response	
---		---		---	
	111067575		116149850		109969153
	570313		907773		457038
	100445		93526		116183
	99646		71363		
	0		0		0
ppbv		ppbv		ppbv	
calc Conc		calc Conc		calc Conc	
---		---		---	
	20		20		20
	0.02		0.03		0.02
	0.04		0.03		0.04
	0.01		0.01	ND	
ND		ND		ND	
ppbv		ppbv		ppbv	
calc Conc		calc Conc		calc Conc	
---		---		---	
	20		20		20
ppbv		ppbv		ppbv	
Sample 7		Sample 8		Sample 9	
	0.05		0.08		0.05
	0.11		0.08		0.11
	0.03		0.03		ND
	ND		ND		ND
112018_27		112018_22		112118_29	

040419_15.D	040419_16.D	040819_4.D
Sample 10	Sample 11	TFE HFP E1E2 cal4
2521	651	
11.3	11.4	
29.2	29.2	
2.584070796	2.561403509	1
Response	Response	Response
---	---	---
96995803	94779360	67018387
1010074	1023323	207989050
127147	141530	11098530
0	0	64839592
0	0	68234389
		used single pt external
ppbv	ppbv	ppbv
calc Conc	calc Conc	calc Conc
---	---	---
20	20	20
0.04	0.05	7.21
0.05	0.06	3.00
ND	ND	5.38
ND	ND	3.57
ppbv	ppbv	ppbv
calc Conc	calc Conc	calc Conc
---	---	---
		used single pt external
20	20	20
ppbv	ppbv	ppbv
Sample 10	Sample 11	TFE HFP E1E2 cal4
0.10	0.13	7.21
0.13	0.15	3.00
ND	ND	5.38
ND	ND	3.57
112118_31	030419_9	

040819_3.D	040819_5.D	040819_6.D
Batch Blank 2	Trip Blank	Trip Blank dup
"N1"	RK8 Trip Blank	RK8 Trip Blank
	0.1	0.1
	29.8	29.8
1	1	1
Response	Response	Response
---	---	---
58487194	65351930	65501946
224913	905074	562484
29043	66676	42259
0	81367	0
0	0	0
RECALC	RECALC	RECALC
ppbv	ppbv	ppbv
calc conc	Recalc conc	Recalc conc
20	20	20
0.01	0.04	0.022148974
0.01	0.02	0.015599825
ND	0.01	ND
ND	ND	ND
ppbv	ppbv	ppbv
calc conc	Recalc conc	Recalc conc
20	20	20
ppbv	ppbv	ppbv
Batch Blank 2	Trip Blank	Trip Blank dup
0.01	0.04	0.02
0.01	0.02	0.02
ND	0.01	ND
ND	ND	ND
030419_13	112018_17	112018_17

040819_7.D	040819_8.D	040819_9.D
Field Blank	Ambient	System blank
"021" FB	744	BTP1
0.5	8.8	8.9
29.7	29	29.9
1	3.295454545	3.359550562
Response	Response	Response
----------	----------	----------
59248865	58565535	61488129
209616	232819	406005
38291	28894	37253
0	0	0
0	0	0
RECALC	RECALC	RECALC
ppbv	ppbv	ppbv
Recalc Conc	Recalc Conc	Recalc Conc
20	20	20
0.0082541	0.0091677	0.0159873
0.0141350	0.0106662	0.0137519
ND	ND	ND
ND	ND	ND
ppbv	ppbv	ppbv
Recalc Conc	Recalc Conc	Recalc Conc
20	20	20
ppbv	ppbv	ppbv
Field Blank	Ambient	System blank
0.01	0.03	0.05
0.01	0.04	0.05
ND	ND	ND
ND	ND	ND
112018_19	030419_7	112018_21

041119_3.D	041119_4.D	041119_5.D
TFE HFP E1E2 cal4	Batch Blank 2	Sample 12
	"N1"	793
		11.1
		29.9
1	1	2.693693694

Response	Response	Response
117574424	111114170	113503284
231952548	5643895	5645629
15032252	109832	191604
120508370	0	0
128367589	0	0

ppbv calc Conc	ppbv calc Conc	ppbv calc Conc
20	20	20
11.81	0.22	0.21
4.65	0.04	0.07
11.3	ND	ND
7.89	ND	ND

ppbv calc Conc	ppbv calc Conc	ppbv calc Conc
20	20	20

ppbv TFE HFP E1E2 cal4	ppbv Batch Blank 2	ppbv Sample 12
11.81	0.22	0.57
4.65	0.04	0.19
11.30	ND	ND
7.89	ND	ND

	030419_13	112018_29

041119_6.D	041119_7.D	041119_8.D
Sample 12 dup	Sample 13	Sample 14
793	RK9	253
11.1	11.4	11.5
29.9	29.9	29.5
2.693693694	2.622807018	2.565217391
Response	Response	Response
---	---	---
111463849	114135891	109119305
5543369	5268925	5177077
148900	201789	171718
0	0	0
0	0	0
ppbv	ppbv	ppbv
calc Conc	calc Conc	calc Conc
---	---	---
20	20	20
0.21	0.2	0.2
0.05	0.07	0.06
ND	ND	ND
ND	ND	ND
ppbv	ppbv	ppbv
calc Conc	calc Conc	calc Conc
---	---	---
20	20	20
ppbv	ppbv	ppbv
Sample 12 dup	Sample 13	Sample 14
0.57	0.52	0.51
0.13	0.18	0.15
ND	ND	ND
ND	ND	ND
112018_29	030419_2	112118_34

041119_9.D		041119_10.D		
Sample 15		Sample 16		
723		321		
	11		10.4	
	29.7		29.8	
		2.7		2.865384615

Response	Response		Response
----------	----------		----------
	110679874	107676747	
			113503284
	3170336	4734391	
	129432	153315	5645629
	0	0	191604
	0	0	0
			0

ppbv	ppbv	
calc Conc	calc Conc	
-------	-------	
	20	20
	0.12	0.19
	0.05	0.06
ND	ND	
ND	ND	

ppbv	ppbv	
calc Conc	calc Conc	
-------	-------	
	20	20

ppbv	ppbv	
Sample 15	Sample 16	
	0.32	0.54
	0.14	0.17
	ND	ND
	ND	ND

030419_5	030419_8

File Name	_____	032119_2.D		032119_3.D	
Sample name	_____	TFE HFP E1E2 cal1		TFE HFP E1E2 cal2	
Can ID	_____				
Pi	psia				
Pf	psia				
DF	_____		1		1

032119_4.D	032119_5.D	032119_6.D
TFE HFP E1E2 cal3	TFE HFP E1E2 cal4	TFE HFP E1E2 cal5
1	1	1

040419_4.D	040419_3.D	040419_5.D		
TFE HFP E1E2 cal4	batch blank 1	Sample 1		
	"068"	NP1		
			11.4	
			29.2	
		1		2.561403509

040419_6.D		040419_7.D		040419_8.D	
Sample 1dup		Sample 2		Sample 3	
NP1		721		2504	
	11.4		11		11.3
	29.2		29.7		29.9
	2.561403509		2.7		2.646017699

040419_9.D			040419_10.D			040419_11.D		
Sample 4			Sample 5			Sample 6		
A378			262			404		
	11.4			11.4			11.4	
	29.7			29.9			29.8	
		2.605263158			2.622807018			2.614035088

040419_12.D			040419_13.D			040419_14.D		
Sample 7			Sample 8			Sample 9		
751			MTC48			700		
	11.3			11.3			11.2	
	29.8			29.4			29.9	
		2.637168142			2.601769912			2.669642857

040419_15.D			040419_16.D		040819_4.D
Sample 10			Sample 11		TFE HFP E1E2 cal4
2521			651		
	11.3			11.4	
	29.2			29.2	
		2.584070796			2.561403509

040819_3.D		040819_5.D		040819_6.D	
Batch Blank 2		Trip Blank		Trip Blank dup	
"N1"		RK8 Trip Blank		RK8 Trip Blank	
		0.1		0.1	
		29.8		29.8	
	1		1		1

040819_7.D		040819_8.D		040819_9.D	
Field Blank		Ambient		System blank	
"021" FB		744		BTP1	
	0.5		8.8		8.9
	29.7		29		29.9
	1		3.295454545		3.359550562

041119_3.D	041119_4.D	041119_5.D	
TFE HFP E1E2 cal4	Batch Blank 2	Sample 12	
	"N1"	793	
			11.1
			29.9
		1	2.693693694

041119_6.D		041119_7.D		041119_8.D	
Sample 12 dup		Sample 13		Sample 14	
793		RK9		253	
	11.1		11.4		11.5
	29.9		29.9		29.5
	2.693693694		2.622807018		2.565217391

041119_9.D		041119_10.D		
Sample 15		Sample 16		
723		321		
	11		10.4	
	29.7		29.8	
		2.7		2.865384615

Pre-blank refererence
Target Compounds
TFE
HFP
E1
E2

ND=Not Detected
NA=Not Analyzed
samples
associated blanks

	ppbv		ppbv
	can 68		can NP1
		N.D.		N.D.
		N.D.		N.D.
		N.D.		N.D.
		N.D.		N.D.

ppbv	ppbv	ppbv
can NP1	can 721	can 2504
N.D.	N.D.	N.D. d
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

ppbv	ppbv	ppbv
can A378	can 262	can 404
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

ppbv	ppbv	ppbv
can 751	can MTC48	can 700
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

ppbv	ppbv	ppbv
can 2521	can 651	
N.D.	N.D.	NA
N.D.	N.D.	NA
N.D.	N.D.	NA
N.D.	N.D.	NA

ppbv	ppbv	ppbv
can N1	can RK8	can RK8
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

ppbv	ppbv	ppbv
can 021	can 744	can BTP1
N.D.	0.01	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

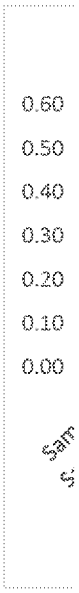
ppbv	ppbv	ppbv
	can N1	can 793
NA	N.D.	N.D.
NA	N.D.	N.D.
NA	N.D.	N.D.
NA	N.D.	N.D.

ppbv		ppbv		ppbv	
can 793		can RK9		can 253	
	N.D.		N.D.		N.D.
	N.D.		N.D.		N.D.
	N.D.		N.D.		N.D.
	N.D.		N.D.		N.D.

ppbv		ppbv	
can 723		can 321	
	N.D.		N.D.
	N.D.		N.D.
	N.D.		N.D.
	N.D.		N.D.

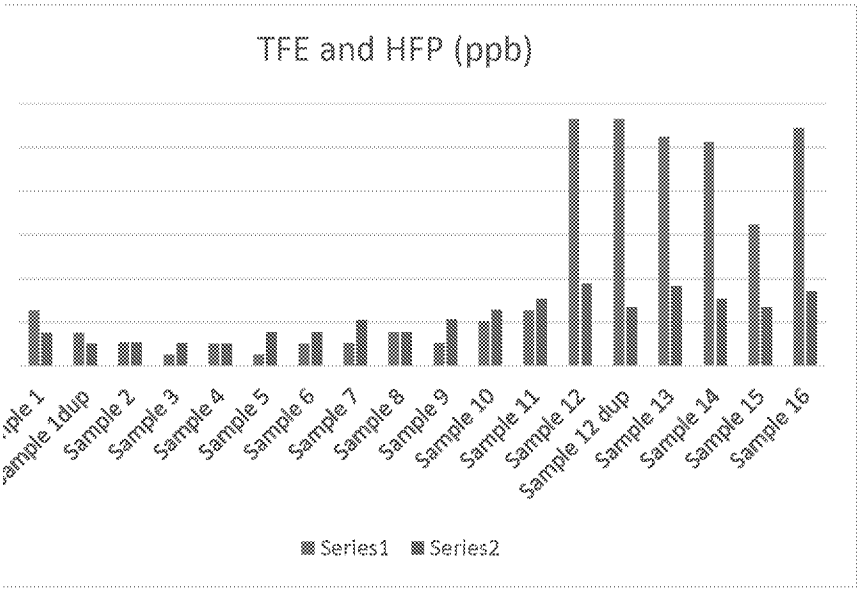
	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Target Compounds	TFE HFP E1E2 cal4	batch blank 1	Batch Blank 2	Trip Blank	Trip Blank dup	Field Blank
TFE	9.20	ND	0.01	0.04	0.02	0.01
HFP	4.10	ND	0.01	0.02	0.02	0.01
E1	8.91	ND	ND	0.01	ND	ND
E2	7.03	ND	ND	ND	ND	ND

	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Target Compounds	Sample 1	Sample 1dup	Sample 2	Sample 3	Sample 4	Sample 5
TFE	0.13	0.08	0.05	0.03	0.05	0.03
HFP	0.08	0.05	0.05	0.05	0.05	0.08
E1	ND	ND	ND	ND	ND	ND
E2	ND	ND	ND	ND	ND	ND



ppbv	ppbv	ppbv
Ambient	System blank	Batch Blank 2
0.03	0.05	0.22
0.04	0.05	0.04
ND	ND	ND
ND	ND	ND

ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Sample 12 dup
0.05	0.05	0.08	0.05	0.10	0.13	0.57	0.57
0.08	0.11	0.08	0.11	0.13	0.15	0.19	0.13
ND	0.03	0.03	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND



ppbv
TFE HFP E1E2 cal4
7.21
3.00
5.38
3.57

ppbv	ppbv	ppbv	ppbv
Sample 13	Sample 14	Sample 15	Sample 16
0.52	0.51	0.32	0.54
0.18	0.15	0.14	0.17
ND	ND	ND	ND
ND	ND	ND	ND

ppbv
TFE HFP E1E2 cal4
11.81
4.65
11.30
7.89

reference sample 9

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112118\
Data File : 112118_29.d
Acq On : 21 Nov 2018 22:41
Operator : BTP
Sample : CAN ID 700
Misc : 10091805
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 10 13:45:17 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Thu Mar 28 10:05:27 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.946	117
Target Compounds	Qvalue	
TFE	0	0
HFP	0	0
E1	0	0
E2	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 11 16:49:05 2019

Response	Conc	Units	Dev(Min)
184113611	20	ppbv	-0.06
N.D.	d		
N.D.			
N.D.			
N.D.			

reference sample 10

Quantitation Report (Not Reviewed)

Data Path : C:\TOF data\2018\112118\
Data File : 112118_31.d
Acq On : 22 Nov 2018 1:02
Operator : BTP
Sample : CAN ID 2521
Misc : 10041807
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 16:50:01 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.945	117

Target	Qvalue	
TFE	0	0
HFP	0	0
E1	0	0
E2	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 11 16:50:01 2019

Response	Conc	Units	Dev(Min)
163908440	20	ppbv	-0.06

N.D.
N.D.
N.D.
N.D.

reference sample 5

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_23.d
Acq On : 21 Nov 2018 3:15
Operator : BTP
Sample : CAN ID 262
Misc : 10041805
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 16:53:52 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.943	117

Target	Qvalue	
TFE	0	0
HFP	0	0
E1	0	0
E2	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 11 16:54:16 2019

Response	Conc	Units	Dev(Min)
157786363	20	ppbv	-0.06
N.D.	d		
N.D.			
N.D.			
N.D.			

reference sample 6

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_24.d
Acq On : 21 Nov 2018 4:26
Operator : BTP
Sample : CAN ID 404
Misc : 10091811
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 18 11:41:37 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.941	117

Compounds	Qvalue	
TFE	0	0
HFP	0	0
E1	0	0
E2	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 11:43:17 2019

Response	Conc	Units	Dev(Min)
148373748	20	ppbv	-0.07
N.D.	d		
N.D.			
N.D.			
N.D.			

reference sample 7

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_27.d
Acq On : 21 Nov 2018 7:56
Operator : BTP
Sample : CAN ID 751
Misc : 10041810
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 16:56:59 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.942	117

Compounds	Qvalue	
TFE	0	0
HFP	0	0
E1	0	0
E2	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 11 17:10:23 2019

Response	Conc	Units	Dev(Min)
161478152	20	ppbv	-0.06
N.D.	d		
N.D.			
N.D.			
N.D.			

reference sample 8

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_22.d
Acq On : 21 Nov 2018 2:05
Operator : BTP
Sample : CAN ID MTC48-ISTD MISSIING?
Misc : 10091801
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 18 17:08:53 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.99	117

Compounds	Qvalue	
TFE	0	0
HFP	0	0
E1	0	0
E2	0	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:12:08 2019

Response	Conc	Units	Dev(Min)
377670	20	ppbv	#-0.02

N.D.
N.D.
N.D.
N.D.

reference sample 12

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_29.d
Acq On : 21 Nov 2018 10:17
Operator : BTP
Sample : CAN ID 793
Misc : 10091810
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 18 17:11:37 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.942	117
Compounds		
TFE		0
HFP		0
E1		0
E2		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:13:47 2019

Response	Conc	Units	Dev(Min)
158346459	20	ppbv	-0.06
	0	N.D.	d
	0	N.D.	
	0	N.D.	
	0	N.D.	

reference sample 1

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_3.d
Acq On : 4 Mar 2019 18:50
Operator : BTP
Sample : NP1
Misc :
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 10 14:18:44 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Wed Jul 10 14:06:08 2019
Response via : Initial Calibration

Compound	R.T.	Qion
Internal Standards		
d5 chlorobenzene	27.002	117
Compounds		
TFE		0
HFP		0
E1		0
E2		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:21:34 2019

Response	Conc	Units	Dev(Min)
77709832	20	ppbv	
	0	N.D.	d
	0	N.D.	
	0	N.D.	
	0	N.D.	

reference sample 2

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_4.d
Acq On : 4 Mar 2019 19:59
Operator : BTP
Sample : Can ID #721
Misc :
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 17:05:15 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	27.002	117
Compounds		
TFE		0
HFP		0
E1		0
E2		0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:21:57 2019

Response	Conc	Units	Dev(Min)
98880168	20	ppbv	0
0		N.D.	
0		N.D.	
0		N.D.	
0		N.D.	

reference sample 7

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_5.d
Acq On : 4 Mar 2019 21:08
Operator : BTP
Sample : Can ID #723
Misc :
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 17:05:53 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.004

Compounds	Compounds
TFE	0
HFP	0
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:22:20 2019

QIon	Response	Conc	Units	Dev(Min)
117	38088276	20	ppbv	0

Qvalue
0
0
0
0

N.D.
N.D.
N.D.
N.D.

reference sample 11

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_9.d
Acq On : 5 Mar 2019 1:45
Operator : BTP
Sample : Can ID #651
Misc :
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 17:07:23 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.003

Compounds	Compounds
TFE	0
HFP	0
E1	0
E2	0

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:23:26 2019

QIon	Response	Conc	Units	Dev(Min)
117	20360209	20	ppbv	#

Qvalue
0
0
0
0

N.D.
N.D.
N.D.
N.D.

reference sample 3

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_10.d
Acq On : 5 Mar 2019 2:53
Operator : BTP
Sample : Can ID #2504
Misc :
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 17:06:23 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.
Internal Standards	
d5 chlorobenzene	27.003

Compounds
TFE
HFP
E1
E2

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:23:53 2019

QIon	Response	Conc Units	Dev(Min)
117	23355429	20.00 ppbv	# 0.00
	0	N.D. d	
	0	N.D.	
	0	N.D.	
	0	N.D.	

reference sample Batch blk 1

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112118\
Data File : 112118_35.d
Acq On : 22 Nov 2018 5:43
Operator : BTP
Sample : CAN ID 68
Misc : 10151801
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 16:39:54 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.945	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 11 16:41:54 2019

Response	Conc	Units	Dev(Min)
174811183	20	ppbv	-0.06
d	N.D.		
	N.D.		
	N.D.		
	N.D.		

reference sample 4

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_30.d
Acq On : 21 Nov 2018 11:27
Operator : BTP
Sample : CAN ID A378
Misc : 10041809
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 16:58:20 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.943	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 11 16:58:46 2019

Response	Conc	Units	Dev(Min)
167341982	20	ppbv	-0.06
d	N.D.		
	N.D.		
	N.D.		
	N.D.		

reference sample 8

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_22.d
Acq On : 21 Nov 2018 2:05
Operator : BTP
Sample : CAN ID MTC48-ISTD MISSIING?
Misc : 10091801
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 18 17:08:53 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.99	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:12:08 2019

Response	Conc	Units	Dev(Min)
377670	20	ppbv	-0.01

d	N.D.
	N.D.
	N.D.
	N.D.

reference sample 13

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_2.d
Acq On : 4 Mar 2019 17:41
Operator : unknown
Sample :
Misc : Blank RK9
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 17:00:57 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	27.002	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:20:27 2019

Response	Conc	Units	Dev(Min)
107020577	20	ppbv	0
d	N.D.		
	N.D.		
	N.D.		
	N.D.		

reference sample 15

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_5.d
Acq On : 4 Mar 2019 21:08
Operator : unknown
Sample :
Misc : BLANK 723
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 17:05:53 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	27.004	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Thu Jul 18 17:22:20 2019

Response	Conc	Units	Dev(Min)
38088276	20	ppbv	0

d	N.D.
	N.D.
	N.D.
	N.D.

reference sample 14

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112118\
Data File : 112118_34.d
Acq On : 22 Nov 2018 4:33
Operator : BTP
Sample : CAN ID 253
Misc : 10091807
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 23 10:46:46 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.944	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Tue Jul 23 10:47:39 2019

Response	Conc	Units	Dev(Min)
185264175	20	ppbv	-0.06
d	N.D.		
	N.D.		
	N.D.		
	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112118\
Data File : 112118_35.d
Acq On : 22 Nov 2018 5:43
Operator : BTP
Sample : CAN ID 68
Misc : 10151801
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 11 16:39:54 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.945	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Response	Conc	Units	Dev(Min)
174811183	20	ppbv	-0.06
	N.D.		
	N.D.		
	N.D.		
	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_13.d
Acq On : 5 Mar 2019 6:20
Operator : unknown
Sample :
Misc : BLANK N1
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 23 16:28:56 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	27.007	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Tue Jul 23 16:35:46 2019

Response	Conc	Units	Dev(Min)
21372331	20	ppbv	0
	N.D.		
	N.D.		
	N.D.		
	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2019\030419a\
Data File : 030419_7.d
Acq On : 4 Mar 2019 23:26
Operator : unknown
Sample :
Misc : BLANK 744
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 23 16:27:26 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	27.007	117
Compounds		
TFE	5.825	81
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Tue Jul 23 16:35:30 2019

Response	conc	units	dev
21372331	20	ppbv	0.01
36389	0.01	ppbv	
	N.D.		
	N.D.		
	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_17.d
Acq On : 20 Nov 2018 20:30
Operator : BTP
Sample : CAN RK8-\PFAS BLANK CK
Misc : 10091809
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 23 16:31:07 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	27.007	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Tue Jul 23 16:41:31 2019

Response	conc	units	dev
137106319	20	ppbv	0.01

N.D.
N.D.
N.D.
N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_19.d
Acq On : 20 Nov 2018 22:50
Operator : BTP
Sample : CAN ID 021
Misc : 10151803
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 23 16:31:37 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.941	117
Compounds		
TFE	0	
HFP	0	
E1	0	
E2	0	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Tue Jul 23 16:41:42 2019

Response	conc	units	dev
137093187	20	ppbv	0.01

N.D.
N.D.
N.D.
N.D.

Quantitation Report (QT Reviewed)

Data Path : C:\TOF data\2018\112018\
Data File : 112018_21.d
Acq On : 21 Nov 2018 1:11
Operator : BTP
Sample : CAN ID BTP1
Misc : 10041811
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jul 23 16:32:34 2019
Quant Method : C:\gcms\1\methods\Markes PFAS light composite March 26,2019 quad.m
Quant Title : Markes PFAS E1 and E2
QLast Update : Tue May 28 17:05:41 2019
Response via : Initial Calibration

Compound	R.T.	QIon
Internal Standards		
d5 chlorobenzene	26.94	117
Compounds		
TFE	0	N.D.
HFP	0	N.D.
E1	0	N.D.
E2	0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Markes PFAS...,2019 quad.m Tue Jul 23 16:42:06 2019

Response	conc	units	dev
149246296	20	ppbv	0.01

Data File : 112118_29.d	Misc : 10091805
Data File : 112118_31.d	Misc : 10041807
Data File : 112018_23.d	Misc : 10041805
Data File : 112018_24.d	Misc : 10091811
Data File : 112018_27.d	Misc : 10041810
Data File : 112018_22.d	Misc : 10091801
Data File : 112018_29.d	Misc : 10091810
Data File : 030419_3.d	Misc :
Data File : 030419_4.d	Misc :
Data File : 030419_5.d	Misc :
Data File : 030419_9.d	Misc :
Data File : 030419_10.d	Misc :
Data File : 112118_35.d	Misc : 10151801
Data File : 112018_30.d	Misc : 10041809
Data File : 112018_22.d	Misc : 10091801
Data File : 030419_2.d	Misc : Blank RK9
Data File : 030419_5.d	Misc : BLANK 723
Data File : 112118_34.d	Misc : 10091807
Data File : 112118_35.d	Misc : 10151801
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Data File : 112018_17.d	Misc : 10091809
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Data File : 112018_21.d	Misc : 10041811

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219005.D
Acq On : 12 Apr 2019 5:01 pm
Operator :
Sample : Ambient
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 column bleed.. Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	7.34 ppbv	265471	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	74
3	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	72
4	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
5	8-Methylisothiazolo[4,5-c]-2,1,3...	207	C8H5N3S2	074801-78-8	64

****

Peak Number 2 (istd) Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	13.83 ppbv	500092	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	86
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	83
5	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	83

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219008.D
Acq On : 12 Apr 2019 7:58 pm
Operator :
Sample : System blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.376	1.46 ppbv	47301	Chlorobenzene-d5	18.396

Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	No Hits From C:\Database\Wiley275.L	0			0

****

Peak Number 2 (istd)4 bromo-fluoro benzene Concentration Rank 3
Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.22 ppbv	461413	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	94
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	91
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90

TOP_021319cal.M Thu Aug 22 10:31:09 2019

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219010.D
Acq On : 12 Apr 2019 9:57 pm
Operator :
Sample : Batch Blank 2
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 (istd) Benzene, 1-bromo-4-fluoro- ... Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	12.30 ppbv	390352	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	87

TOP_021319cal.M Thu Aug 22 10:32:15 2019

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219012.D
Acq On : 12 Apr 2019 11:54 pm
Operator :
Sample : Trip Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.365	1.31 ppbv	37676	Bromochloromethane	9.999

Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	No Hits From C:\Database\Wiley275.L	0			0

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	12.15 ppbv	362543	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	92
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	87
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	81

TOP_021319cal.M Thu Aug 22 10:32:42 2019

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219014.D
Acq On : 13 Apr 2019 1:51 am
Operator :
Sample : Field Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

TARGET COMPOUND

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	181.07 ppbv	5580650	Bromochloromethane	9.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	13.85 ppbv	420317	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	90
2	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	90
3	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	86
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	81
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	76

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519008.D
Acq On : 16 Apr 2019 12:50 am
Operator :
Sample : Sample 1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	13.41 ppbv	466121	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	91

TOP_021319cal.M Thu Aug 22 10:33:19 2019

Library Search Compound Report

TIC identified

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519010.D
Acq On : 16 Apr 2019 2:46 am
Operator :
Sample : Sample 2
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.236	20.76 ppbv	1787270	Bromochloromethane	9.989

Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	No Hits From C:\Database\Wiley275.L	0			0

****

Peak Number 2 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

TARGET COMPOUND

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	741.24 ppbv	63823900	Bromochloromethane	9.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 3 Butanal (CAS) $$ n-Butanal ... Concentration Rank 19

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519012.D
Acq On : 16 Apr 2019 4:43 am
Operator :
Sample : Sample 3
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Nonane (CAS) $$ n-Nonane $$... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.544	5.13 ppbv	181772	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	80
2	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	53
3	Octane (CAS) $$ n-Octane $$ Octa...	114	C8H18	000111-65-9	50
4	Heptane, 2,3-dimethyl- (CAS) $$ ...	128	C9H20	003074-71-3	50
5	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	47

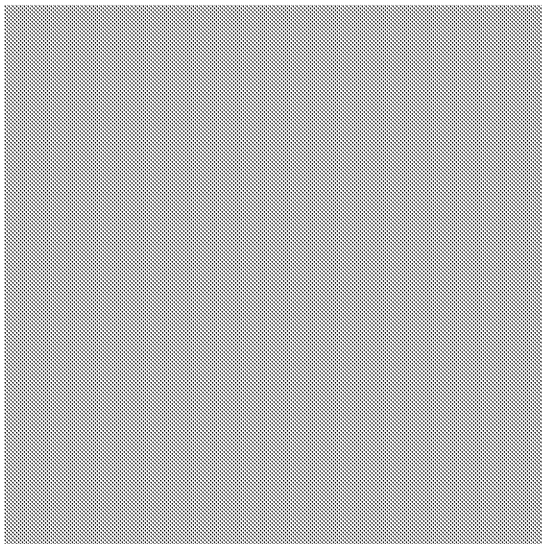
****

Peak Number 2 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	15.48 ppbv	548279	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	87
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	83
5	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	58



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519014.D
Acq On : 16 Apr 2019 6:39 am
Operator :
Sample : Sample 4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	707.66 ppbv	84091600	Bromochloromethane	9.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72
4	Methane, nitroso- (CAS) $$ Nitro...	45	CH3NO	000865-40-7	36
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	16

****

Peak Number 2 Heptane, 2,4-dimethyl- (CAS... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	17.95 ppbv	673238	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	83
2	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	78
3	Octane (CAS) $$ n-Octane $$ Octa...	114	C8H18	000111-65-9	64
4	Heptane, 2,4,6-trimethyl- $$ 2,4...	142	C10H22	002613-61-8	64
5	Octane (CAS) $$ n-Octane $$ Octa...	114	C8H18	000111-65-9	64

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519016.D
Acq On : 16 Apr 2019 8:51 am
Operator :
Sample : Sample 5
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.900	194.33 ppbv	67616000	Bromochloromethane	9.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 2 .GAMMA. TERPINENE Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.238	0.63 ppbv	147927	Chlorobenzene-d5	18.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.GAMMA. TERPINENE	136	C10H16	000099-85-4	87
2	.beta.-Phellandrene $$ Cyclohexe...	136	C10H16	000555-10-2	76
3	1,3,7-OCTATRIENE, 3,7-DIMETHYL-	136	C10H16	000502-99-8	76
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	76
5	TRANS-OCIMENE	136	C10H16	027400-72-2	76

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519018.D
Acq On : 16 Apr 2019 10:48 am
Operator :
Sample : Sample 6
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	660.64 ppbv	57552000	Bromochloromethane	9.999

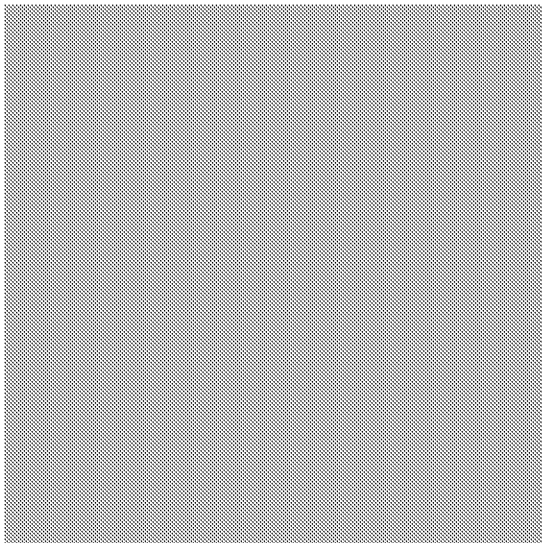
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 Heptane, 2,4-dimethyl- (CAS... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	33.35 ppbv	1232430	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	86
2	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	78
3	Heptane, 2,3-dimethyl- (CAS) $$ ...	128	C9H20	003074-71-3	72
4	Octane (CAS) $$ n-Octane $$ Octa...	114	C8H18	000111-65-9	72
5	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	72



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619008.D
Acq On : 17 Apr 2019 1:15 am
Operator :
Sample : Sample 7
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	729.69 ppbv	102597000	Bromochloromethane	9.989

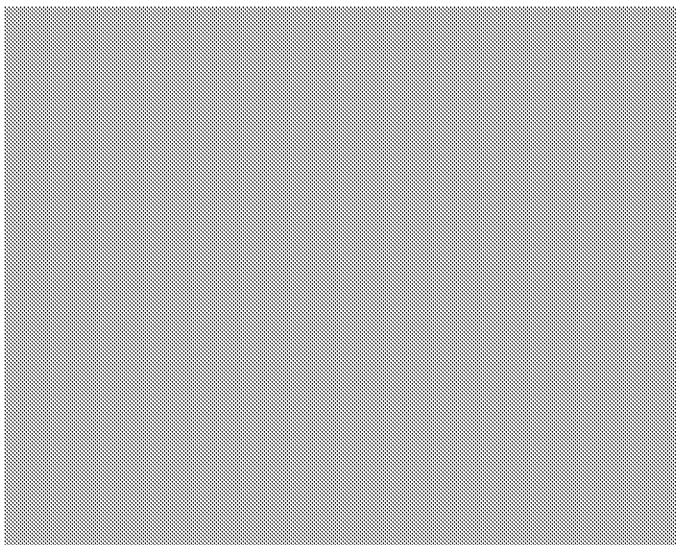
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 2 Nonane (CAS) $$ n-Nonane $$... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	32.19 ppbv	1130520	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	72
2	Ether, hexyl pentyl (CAS) $$ Hex...	172	C11H24O	032357-83-8	64
3	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	64
4	Octane (CAS) $$ n-Octane $$ Octa...	114	C8H18	000111-65-9	64
5	Octane, 4-methyl- (CAS) $$ 4-Met...	128	C9H20	002216-34-4	64



Library Search Compound Report

TIC identified

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619010.D
Acq On : 17 Apr 2019 3:15 am
Operator :
Sample : Sample 8
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	781.91 ppbv	67845000	Bromochloromethane	9.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 2 column bleed Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.831	4.80 ppbv	166979	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83
4	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	78
5	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619012.D
Acq On : 17 Apr 2019 5:14 am
Operator :
Sample : Sample 9
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

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Peak Number 1 BUTANAL $$ BUTYRALDEHYDE Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.306	1.73 ppbv	95048	Bromochloromethane	9.999

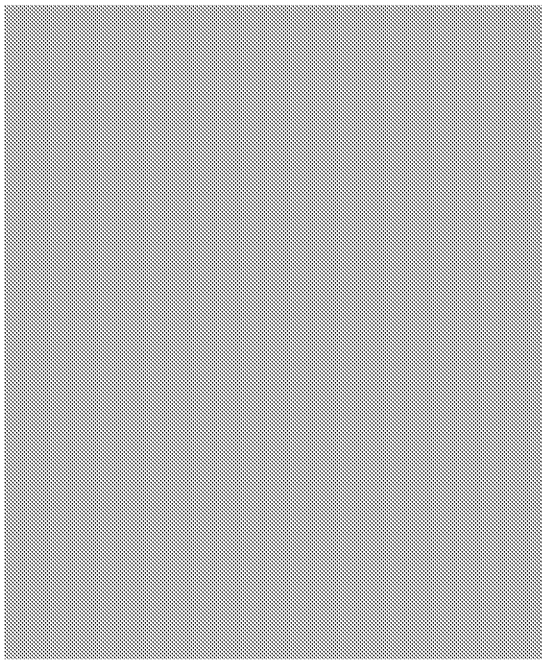
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	BUTANAL $$ BUTYRALDEHYDE	72	C4H8O	000123-72-8	74
2	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	52
3	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	50
4	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	50
5	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	47

****

Peak Number 2 Column bleed. Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	5.27 ppbv	168533	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	83
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
4	1,3-dimethyl-4-azaphenanthrene	207	C15H13N	000000-00-0	64
5	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64



Library Search Compound Report

TIC identified

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619014.D
Acq On : 17 Apr 2019 7:14 am
Operator :
Sample : Sample 10
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	852.59 ppbv	45794800	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	16.07 ppbv	478165	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
3	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	90
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	90

Library Search Compound Report

TIC identified

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619016.D
Acq On : 17 Apr 2019 9:16 am
Operator :
Sample : Sample 11
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	778.34 ppbv	30987000	Bromochloromethane	10.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.82 ppbv	409563	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	91
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	80
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	74

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619018.D
Acq On : 17 Apr 2019 11:15 am
Operator :
Sample : Sample 12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

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Peak Number 1 Column bleed Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	2.30 ppbv	63122	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	56
4	1-METHYLALLYL(CYCLOOCTATETRAENE)...	207	C12H15Ti	000000-00-0	53
5	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	50

****

Peak Number 2 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	15.11 ppbv	415438	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
2	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	91
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	90
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	87

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719008.D
Acq On : 17 Apr 2019 10:32 pm
Operator :
Sample : Sample 13
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.46 ppbv	391646	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90
5	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	87

TOP_021319cal.M Thu Aug 22 12:06:34 2019

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719010.D
Acq On : 18 Apr 2019 12:31 am
Operator :
Sample : Sample 14
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	826.95 ppbv	37800500	Bromochloromethane	10.009

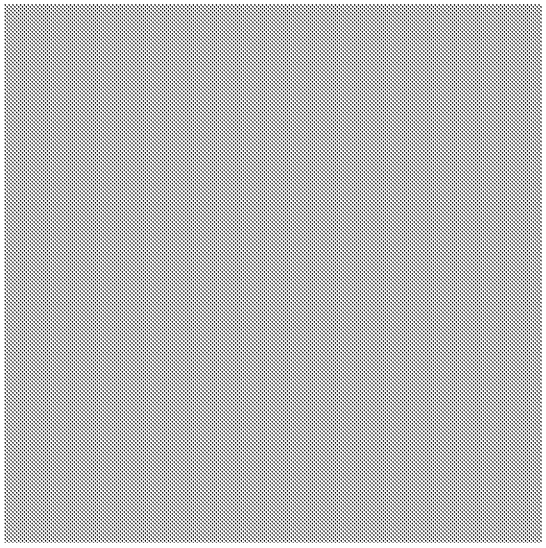
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 1-Propanol (CAS) $$ Propano... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	1.75 ppbv	79870	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol (CAS) $$ Propanol $$ ...	60	C3H8O	000071-23-8	80
2	1-Propanol (CAS) $$ Propanol $$ ...	60	C3H8O	000071-23-8	72
3	PROPANOL	60	C3H8O	000071-23-8	59
4	1-Propanol (CAS) $$ Propanol $$ ...	60	C3H8O	000071-23-8	56
5	1-Propanol (CAS) $$ Propanol $$ ...	60	C3H8O	000071-23-8	9



Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719012.D
Acq On : 18 Apr 2019 2:30 am
Operator :
Sample : Sample 15
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	493.55 ppbv	14165200	Bromochloromethane	9.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 Column bleed Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	6.69 ppbv	185012	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	86
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
3	Tetrasiloxane, decamethyl- (CAS)...	310	C10H30O3Si4	000141-62-8	74
4	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	72
5	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	64

Library Search Compound Report

TIC identified

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719014.D
Acq On : 18 Apr 2019 4:32 am
Operator :
Sample : Sample 16
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	585.79 ppbv	16259300	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 Cyclotrisiloxane, hexamethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	13.27 ppbv	397226	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	86
4	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	83
5	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	72

****

Peak Number 3 Pentasiloxane, dodecamethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	2.29 ppbv	82850	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl- (CA...	384	C12H36O4Si5	000141-63-9	78
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
5	6-HYDROXYWARFARIN $$ 2H-1-Benzop...	324	C19H16O5	017834-02-5	53

TOP_021319cal.M Thu Aug 22 12:21:19 2019

TOP_021319cal.M Thu Aug 22 12:21:38 2019

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.296	1.09 ppbv	93519	Bromochloromethane	9.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	72
2	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	47
3	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	47
4	Pentanedial (CAS) $$ Glutaraldeh...	100	C5H8O2	000111-30-8	45
5	1-Hexyn-3-ol (CAS) $$ 1-Hexyne-3...	98	C6H10O	000105-31-7	38

****

Peak Number 4 column bleed Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.831	2.72 ppbv	101958	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	90
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83
3	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	78
4	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72
5	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72

****

Peak Number 5 (istd) Benzene, 1-bromo-4-fluoro- ... Concentration Rank 4

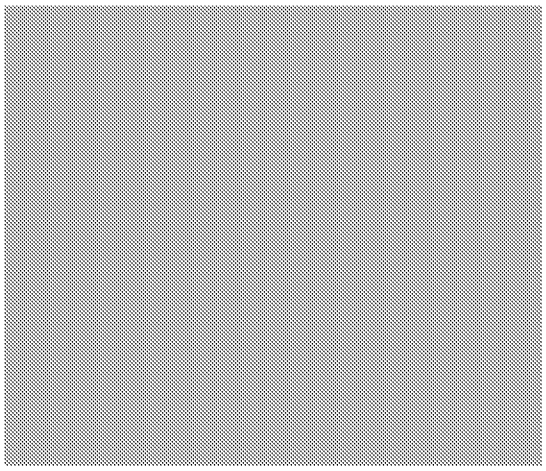
Internal std

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	14.56 ppbv	545584	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	94
2	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	91
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	87
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	86

****

Peak Number 6 .ALPHA.-PINENE, (-)- $$ Bic... Concentration Rank 5



****

Peak Number 3 .DELTA.3-Carene $$ Bicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.901	3.56 ppbv	126161	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	87
2	Pyridine, 4-methyl- (CAS) $$ .ga...	93	C6H7N	000108-89-4	70
3	4-METHYLPYRIDINE	93	C6H7N	000000-00-0	70
4	Pyridine, 4-methyl- (CAS) $$ .ga...	93	C6H7N	000108-89-4	70
5	Pyridine, 4-methyl- (CAS) $$ .ga...	93	C6H7N	000108-89-4	70

****

Peak Number 4 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	8.48 ppbv	300511	Chlorobenzene-d5	18.396

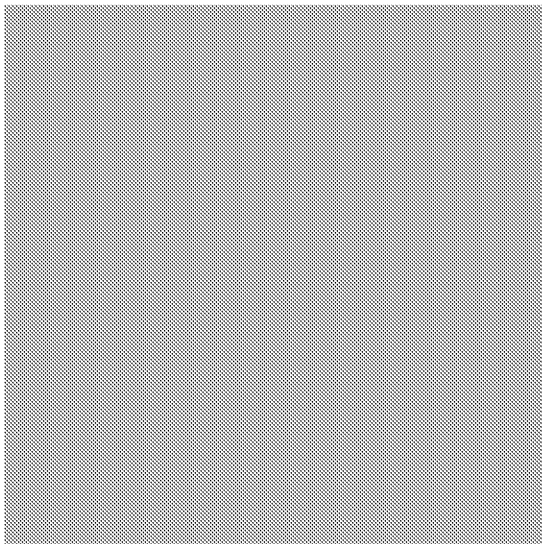
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	93
2	.gamma.-TERPINENE	136	C10H16	000099-85-4	87
3	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	87
4	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	80
5	CIS-OCIMENE	136	C10H16	027400-71-1	72

****

Peak Number 5 LIMONENE Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.189	5.00 ppbv	177267	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	LIMONENE	136	C10H16	000138-86-3	92
2	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	90
3	l-LIMONENE	136	C10H16	005989-54-8	80
4	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	64
5	.alpha.-Fenchene $$ Bicyclo[2.2....	136	C10H16	000471-84-1	58



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Peak Number 3 TRANS-.BETA.-OCIMENE Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.356	1.39 ppbv	52272	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TRANS-.BETA.-OCIMENE	136	C10H16	003779-61-1	78
2	CIS-OCIMENE	136	C10H16	027400-71-1	72
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	72
4	.alpha.-PINENE	136	C10H16	000080-56-8	64
5	.BETA.-OCIMENE	136	C10H16	013877-91-3	64

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Peak Number 4 CIS-OCIMENE Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	8.11 ppbv	304157	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CIS-OCIMENE	136	C10H16	027400-71-1	87
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	81
3	.gamma.-terpinene	136	C10H16	000099-85-4	76
4	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	76
5	TRANS-.BETA.-OCIMENE	136	C10H16	003779-61-1	72

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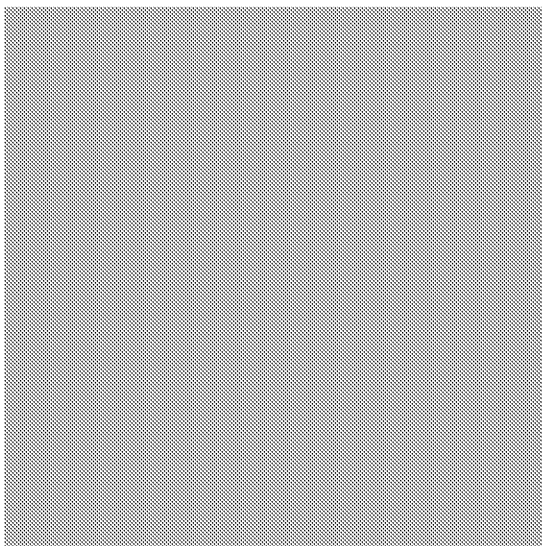

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Peak Number 3 column bleed Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	0.84 ppbv	196986	Chlorobenzene-d5	18.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl- (CA...	384	C12H36O4Si5	000141-63-9	80
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	64
5	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	64

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Peak Number 3 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	6.34 ppbv	234420	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	94
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	94
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	93
4	.gamma.-Terpinene $$ 1,4-Cyclohe...	136	C10H16	000099-85-4	87
5	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	87

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Peak Number 4 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	143.10 ppbv	5287630	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	78
2	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	72
3	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	72
4	Pentane, 2,2,4,4-tetramethyl- (C...	128	C9H20	001070-87-7	59
5	Pentane, 2,2,4-trimethyl- (CAS) ...	114	C8H18	000540-84-1	53

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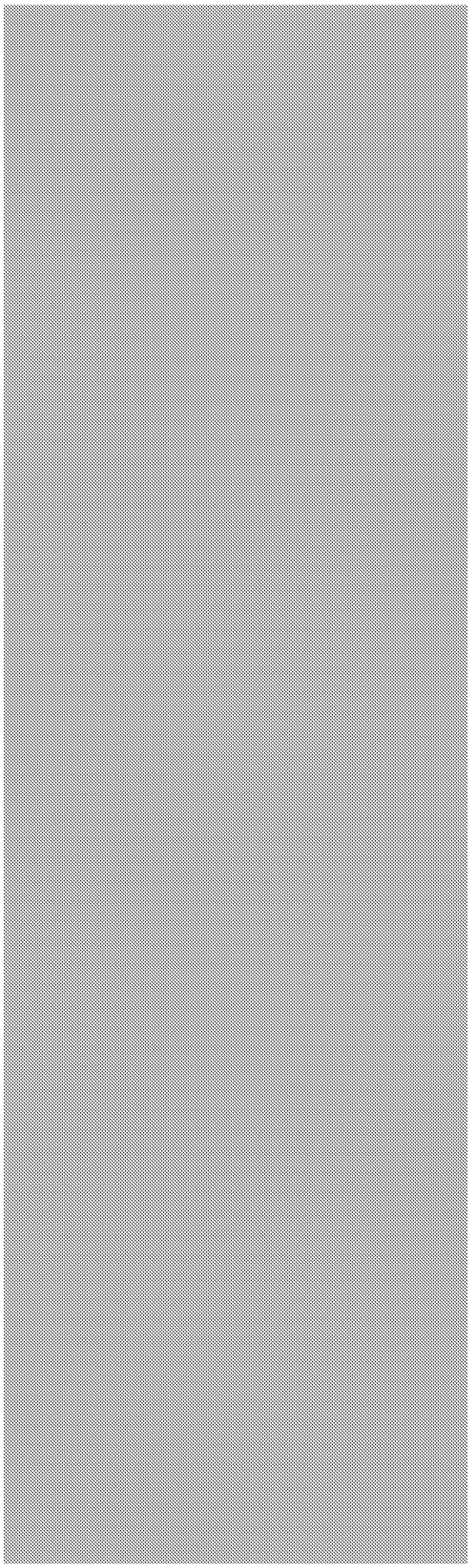
Peak Number 5 1,3-Pentadiene, (Z)- (CAS) ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.179	5.10 ppbv	188307	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, (Z)- (CAS) $$ ci...	68	C5H8	001574-41-0	81
2	1,3-PENTADIENE	68	C5H8	001574-41-0	74
3	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	74
4	1,3-Butadiene, 2-methyl- (CAS) $...	68	C5H8	000078-79-5	72
5	1,2-Pentadiene (CAS) $$ Ethylall...	68	C5H8	000591-95-7	64



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Peak Number 3 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	5.40 ppbv	189682	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	87
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	74
3	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	74
4	.BETA.-OCIMENE-X $$ 1,3,6-Octatr...	136	C10H16	013877-91-3	70
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-27-5	52

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Peak Number 4 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	187.39 ppbv	6581420	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	83
2	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	78
3	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	78
4	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	50
5	Butane, 2,2,3,3-tetramethyl- (CA...	114	C8H18	000594-82-1	50

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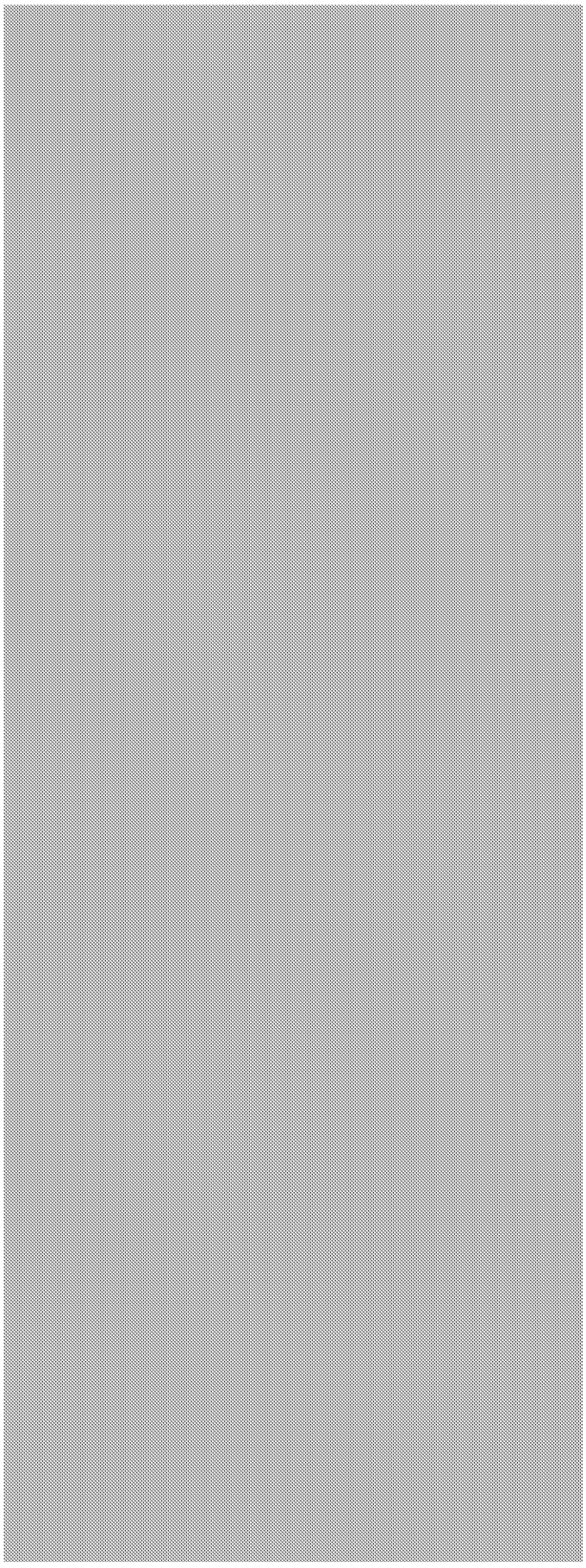
Peak Number 5 dl-Limonene $$ Cyclohexene,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.189	3.43 ppbv	120361	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	86
2	1,3-Butadiene, 2-methyl- (CAS) $...	68	C5H8	000078-79-5	60
3	1,3-Butadiene, 2-methyl- (CAS) $...	68	C5H8	000078-79-5	60
4	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	53
5	l-Limonene $$ Cyclohexene, 1-met...	136	C10H16	005989-54-8	52



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Peak Number 3 Octane, 4-methyl- (CAS) $$ ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.535	11.13 ppbv	387439	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl- (CAS) $$ 4-Met...	128	C9H20	002216-34-4	86
2	Nonane, 4,5-dimethyl- (CAS) $$ 4...	156	C11H24	017302-23-7	78
3	Hexane, 3-ethyl- (CAS) $$ 3-Ethy...	114	C8H18	000619-99-8	72
4	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	64
5	Pentane, 3-ethyl-2,4-dimethyl- (...	128	C9H20	001068-87-7	64

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Peak Number 4 .gamma.-terpinene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.891	4.34 ppbv	151130	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-terpinene	136	C10H16	000099-85-4	93
2	.gamma.-terpinene	136	C10H16	000099-85-4	91
3	.gamma.-Terpinene $$ 1,4-Cyclohe...	136	C10H16	000099-85-4	87
4	.GAMMA.-TERPINENE	136	C10H16	000099-85-4	87
5	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	87

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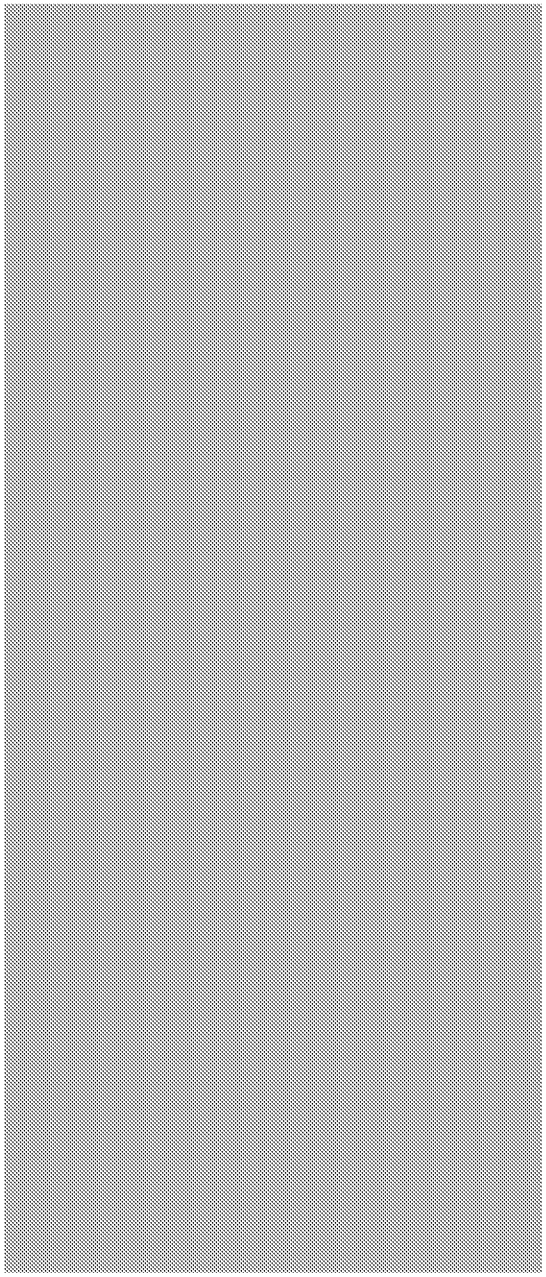
Peak Number 5 Column bleed Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	3.66 ppbv	127602	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
5	TRIMETHYLSILYL ESTER OF 4-METHYL...	296	C14H24O3Si2	000000-00-0	50



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Peak Number 3 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	15.86 ppbv	506986	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93

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Peak Number 4 TRANS-.BETA.-OCIMENE Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	3.03 ppbv	96701	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TRANS-.BETA.-OCIMENE	136	C10H16	003779-61-1	93
2	CIS-OCIMENE	136	C10H16	027400-71-1	93
3	(+)-3-CARENE	136	C10H16	000000-00-0	87
4	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	87
5	.BETA.-OCIMENE	136	C10H16	013877-91-3	86

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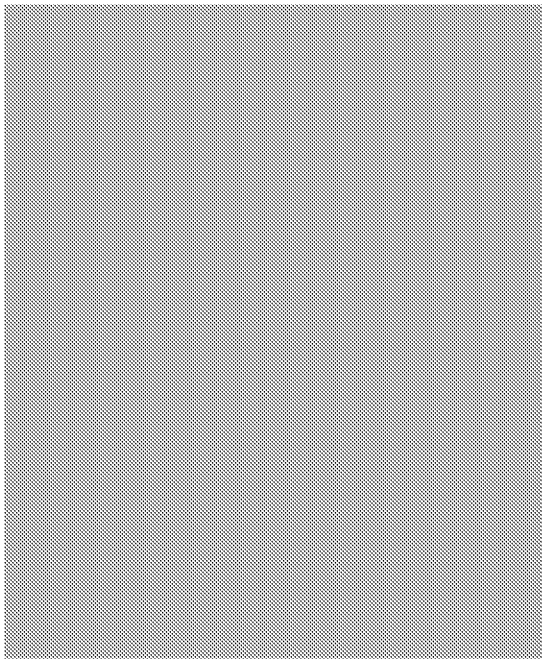
Peak Number 5 column bleed. Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	7.69 ppbv	245690	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	83
5	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72



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Peak Number 3 Camphene $$ Bicyclo[2.2.1]h... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.792	1.81 ppbv	53903	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene $$ Bicyclo[2.2.1]heptan...	136	C10H16	000079-92-5	81
2	CAMPHENE	136	C10H16	000079-92-5	74
3	Camphene $$ Bicyclo[2.2.1]heptan...	136	C10H16	000079-92-5	74
4	Camphene $$ Bicyclo[2.2.1]heptan...	136	C10H16	000079-92-5	74
5	CAMPHENE	136	C10H16	000079-92-5	74

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Peak Number 4 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.723	3.08 ppbv	91659	Chlorobenzene-d5	18.396

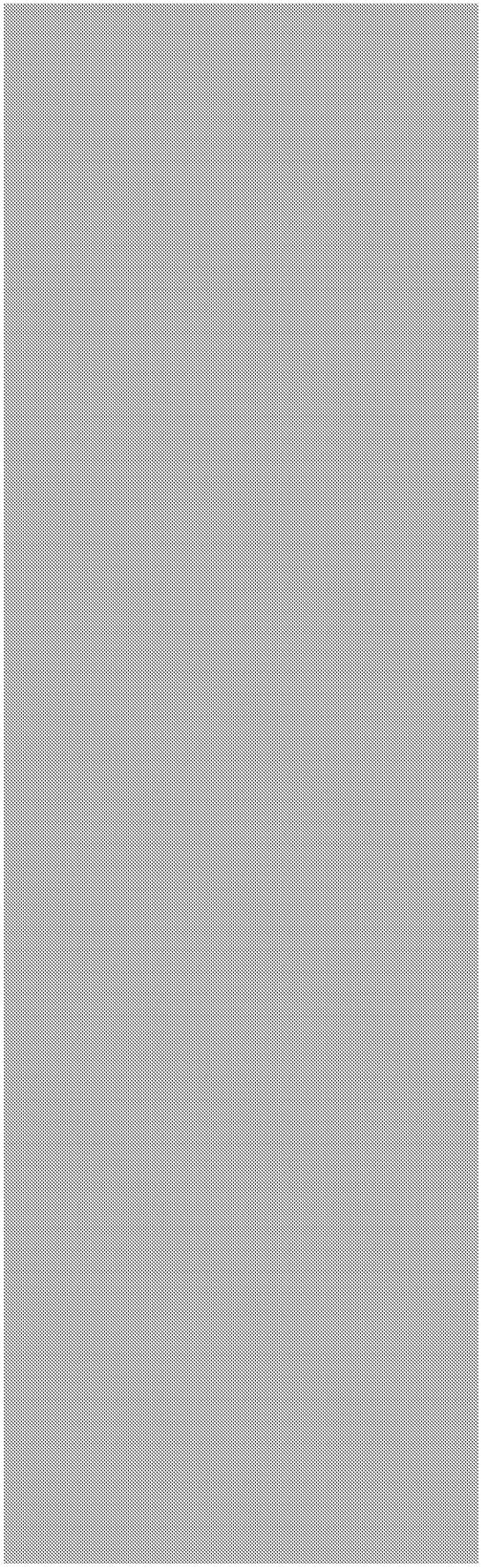
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	91
2	.gamma.-TERPINENE	136	C10H16	000099-85-4	90
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	90
4	Sabinene $$ Bicyclo[3.1.0]hexane...	136	C10H16	003387-41-5	90
5	SABINENE	136	C10H16	003387-41-5	90

****

Peak Number 5 Heptane, 2,4-dimethyl- (CAS... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.308	3.35 ppbv	99545	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	80
2	Eicosane (CAS) $$ n-Eicosane	282	C20H42	000112-95-8	64
3	Undecane, 2,7-dimethyl- (CAS)	184	C13H28	017301-24-5	59
4	Tetradecane (CAS) $$ n-Tetradeca...	198	C14H30	000629-59-4	59
5	Docosane, 7-butyl- (CAS) $$ 7-n-...	366	C26H54	055282-15-0	53



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Peak Number 3 .ALPHA.-PINENE, (-)- $$ Bic... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	1.56 ppbv	43143	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	83
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-27-5	80
3	.DELTA.-4-CARENE $$ Bicyclo[4.1....	136	C10H16	000554-61-0	72
4	Z-.beta.-ocimene	136	C10H16	000000-00-0	72
5	.alpha.-Thujene $$ Bicyclo[3.1.0...	136	C10H16	002867-05-2	68

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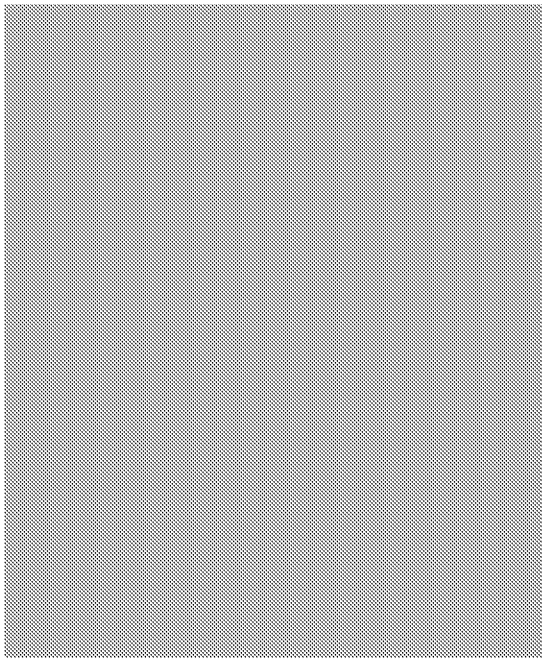

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Peak Number 3 Ethene, trichloro- (CAS) $$... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.009	1.47 ppbv	42219	1,4-Difluorobenzene	12.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	64
2	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	58
3	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	58
4	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	52
5	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	52

****
Peak Number 4 Column bleed Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.842	3.37 ppbv	96658	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	86
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
4	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	64
5	1,3-dimethyl-4-azaphenanthrene	207	C15H13N	000000-00-0	64

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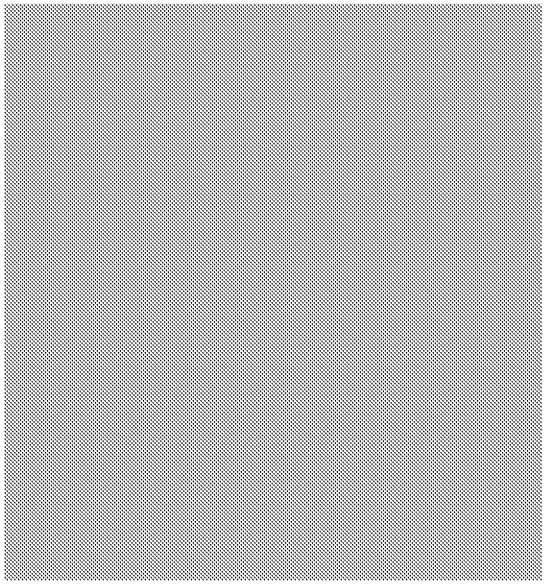
Peak Number 5 4 bromo-fluoro benzene Concentration Rank 4
Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.89 ppbv	427400	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	94
2	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	87
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	87
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	72
5	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	58



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Peak Number 3 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	12.76 ppbv	353031	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	96
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	94
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	94
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	94
5	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91

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Peak Number 4 Column Bleed Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	7.45 ppbv	206066	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
5	3-Ethoxy-1,1,1,5,5,5-hexamethyl-...	340	C11H32O4Si4	000000-00-0	64

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Peak Number 3 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.42 ppbv	431822	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	81
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	81

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Peak Number 4 .ALPHA.-PINENE, (-)- $$ Bic... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	1.39 ppbv	41509	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	90
2	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	90
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	90
4	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	90
5	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	90

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 R.T.    EstConc        Area      Relative to ISTD       R.T.
-----------------------------------------------------------------
 22.248   9.95 ppbv      373079   Chlorobenzene-d5         18.386

 Hit# of  5   Tentative ID           MW  MolForm      CAS#      Qual
-----------------------------------------------------------------
 1 .ALPHA.-PINENE, (-)- $$ Bicyclo[... 136 C10H16       000080-56-8 94
 2 .gamma.-terpinene                 136 C10H16       000099-85-4 87
 3 .GAMMA.-TERPINENE                 136 C10H16       000099-85-4 87
 4 .alpha.-pipene $$ .alpha.-pinene   136 C10H16       000080-56-8 76
 5 .ALPHA.-PINENE $$ DIHYDRO-para-C... 136 C10H16       000080-56-8 70


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Peak Number  7  .gamma.-TERPINENE            Concentration Rank 14

 R.T.    EstConc        Area      Relative to ISTD       R.T.
-----------------------------------------------------------------
 23.723   2.07 ppbv       77696   Chlorobenzene-d5         18.386

 Hit# of  5   Tentative ID           MW  MolForm      CAS#      Qual
-----------------------------------------------------------------
 1 .gamma.-TERPINENE                 136 C10H16       000099-85-4 87
 2 .ALPHA.-PINENE, (-)- $$ Bicyclo[... 136 C10H16       000080-56-8 87
 3 .alpha.-pipene $$ .alpha.-pinene   136 C10H16       000080-56-8 87
 4 .gamma.-terpinene                 136 C10H16       000099-85-4 87
 5 .ALPHA.-PINENE, (-)- $$ Bicyclo[... 136 C10H16       000080-56-8 87
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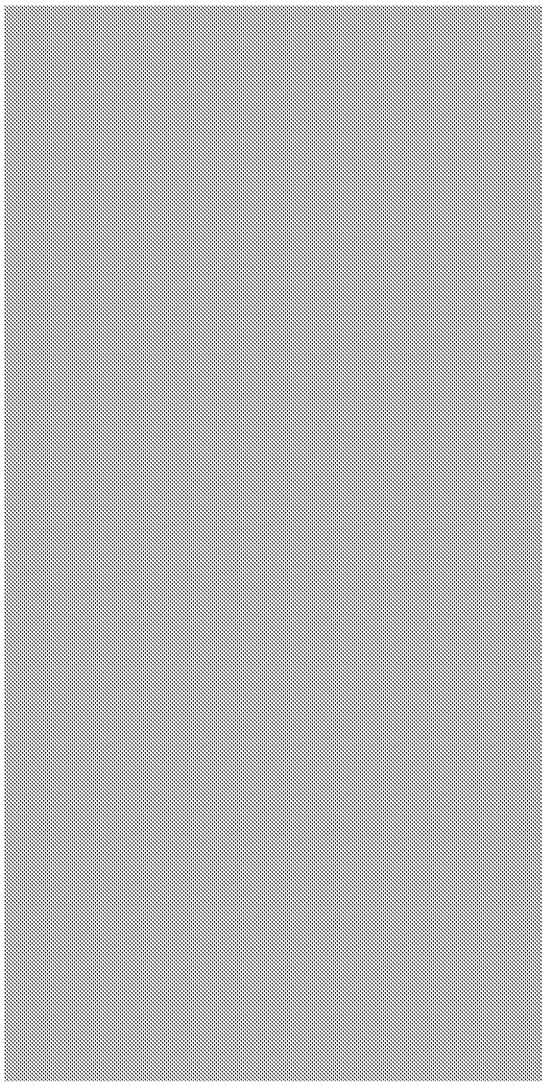

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Peak Number 6 susbtituted alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.911	11.13 ppbv	394395	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl- (CAS)	184	C13H28	017301-32-5	80
2	Tetradecane (CAS) $$ n-Tetradeca...	198	C14H30	000629-59-4	72
3	Docosane (CAS) $$ n-Docosane $$ ...	310	C22H46	000629-97-0	64
4	Dodecane, 5-methyl- (CAS) $$ 5-M...	184	C13H28	017453-93-9	59
5	Pentadecane (CAS) $$ n-Pentadeca...	212	C15H32	000629-62-9	59

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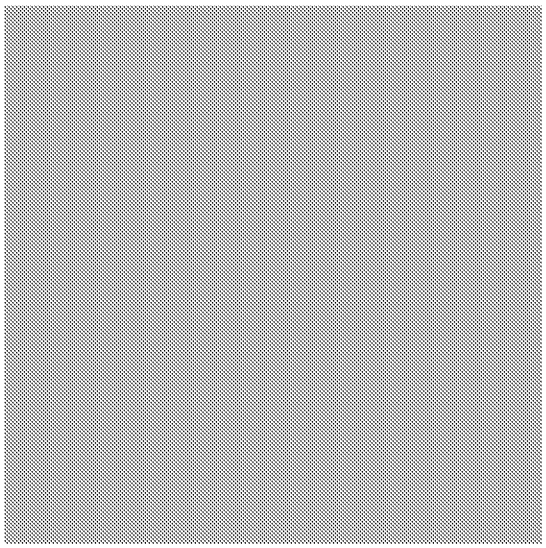

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Peak Number 6 2,2,4,4,-Tetramethyloctane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.387	18.63 ppbv	654469	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,-Tetramethyloctane	170	C12H26	000000-00-0	72
2	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	64
3	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	64
4	Heptane, 3,5-dimethyl- (CAS) $$ ...	128	C9H20	000926-82-9	50
5	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	000000-00-0	47

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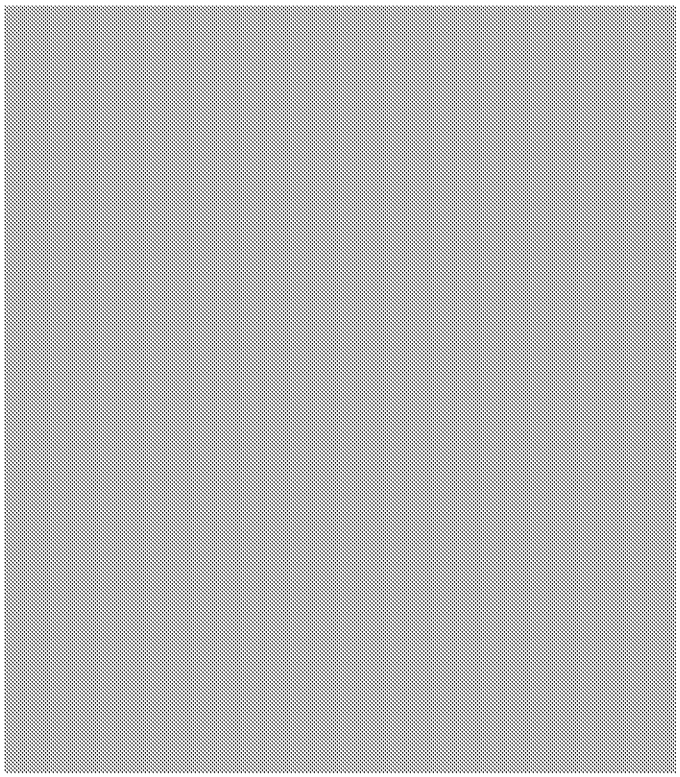

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Peak Number 6 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	202.28 ppbv	7044000	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	83
2	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	74
3	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	64
4	Pentane, 2,2,4-trimethyl- (CAS) ...	114	C8H18	000540-84-1	59
5	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	50

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Peak Number 7 2,2,4,4,-Tetramethyloctane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.377	20.84 ppbv	725804	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,-Tetramethyloctane	170	C12H26	000000-00-0	78
2	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	64
3	Heptane, 2,5-dimethyl- (CAS) $$ ...	128	C9H20	002216-30-0	53
4	Heptane, 3-bromo- (CAS) $$ 3-Bro...	178	C7H15Br	001974-05-6	50
5	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	50

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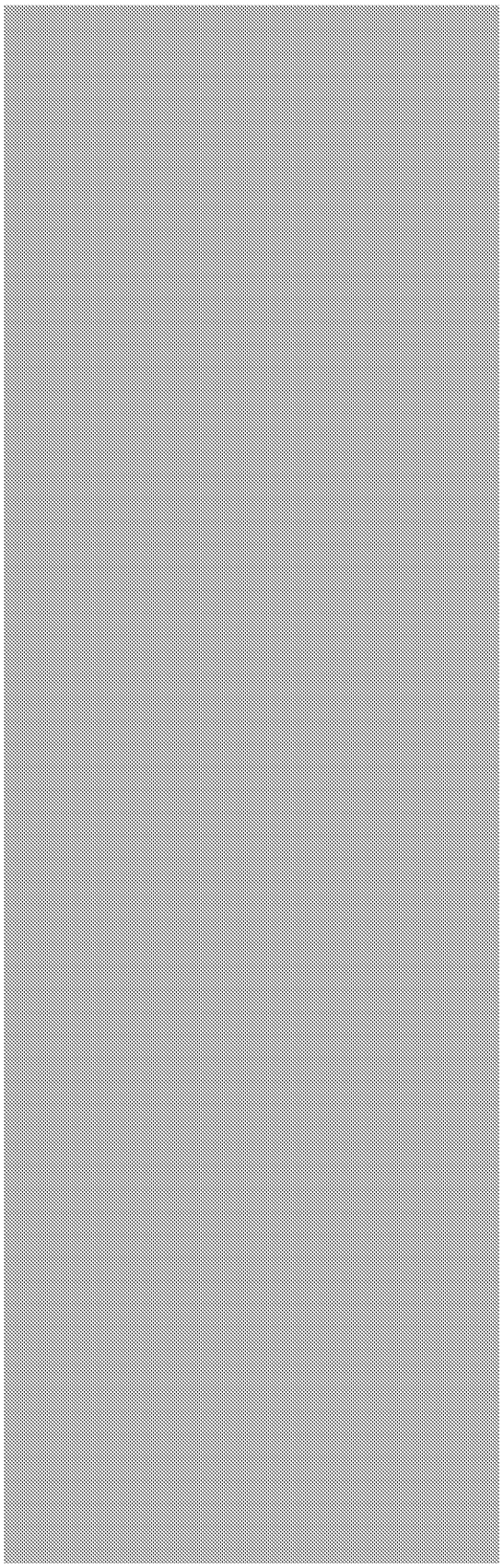
Peak Number 8 2,6-Dimethyldecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.040	7.65 ppbv	266448	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	83
2	Dodecane (CAS) $$ n-Dodecane $$ ...	170	C12H26	000112-40-3	80
3	Eicosane (CAS) $$ n-Eicosane	282	C20H42	000112-95-8	64
4	Ether, hexyl pentyl (CAS) $$ Hex...	172	C11H24O	032357-83-8	64



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Peak Number 6 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	94.82 ppbv	3030230	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	83
2	Butane, 2,2,3,3-tetramethyl- (CA...	114	C8H18	000594-82-1	64
3	Hexane, 2,2,5,5-tetramethyl- (CA...	142	C10H22	001071-81-4	64
4	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	64
5	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	64

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Peak Number 7 Cyclohexene, 1-methyl-5-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.189	2.98 ppbv	95289	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	93
2	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	86
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	64
4	1,4-Pentadiene (CAS) $$ Penta-1,...	68	C5H8	000591-93-5	60
5	1,2-Pentadiene (CAS) $$ Ethylall...	68	C5H8	000591-95-7	60

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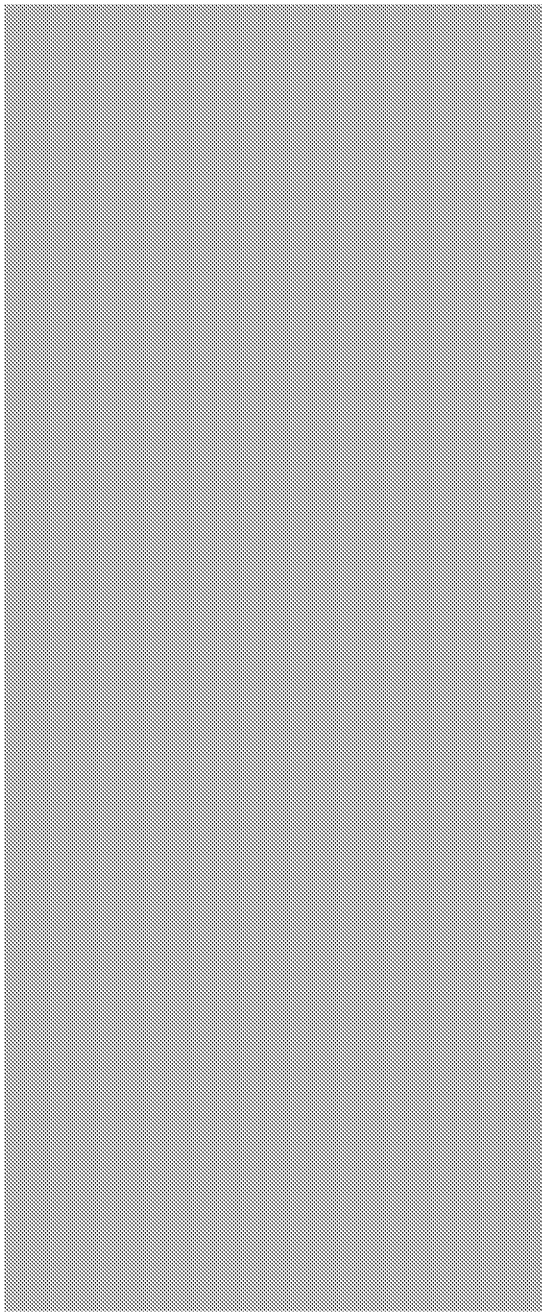

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Peak Number 6 Column bleed Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	2.93 ppbv	84208	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	59
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	47
5	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	42

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