This file contains the results of the TO-15 analysis of the SUMMA cannister samples collected at the St. Gobain facilities ir
Because the samples were collected without knowledge of the volumetric flow of the exhaust, this data was originally rep
The following two sheets ("TO15 Sample Concentrations" and "main PFAS calculated") contain the data relevant to the Su
reporting the concentrations (ppbv). These sheets contain the final ppbv calculations referencing supporting calculations
other sections of this spreadsheet, as well as the original data files.

Target Compounds

	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
	ppb	ppb
1	3.295454545	3.295454545
	0.03	0.00
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**
ppb	ppb	ppb
3.359550562	1	1
0.05	0.00	0.04
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
ppb	ppb	ppb
1	1	1
0.01	0.00	0.00
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
ppb	ppb	ppb
1	2.561403509	2.561403509
ND	0.13	0.08
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**
ppb	ppb	ppb
2.7	2.646017699	2.605263158
0.05	0.03	0.05
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
ppb	ppb	ppb
2.622807018	2.614035088	1
0.03	0.05	0.00
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**	
ppb	ppb	ppb	
1	1	1	2.637168142
0.00	0.00	0.05	
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**
ppb	ppb	ppb
2.637168142	2.601769912	2.669642857
0.00	0.08	0.05
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**
ppb	ppb	ppb
2.584070796	2.561403509	2.693693694
0.10	0.13	0.57
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
ppb	ppb	ppb
1	1	1
0.00	0.00	0.00
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**
ppb	ppb	ppb
2.622807018	2.622807018	2.565217391
0.52	0.00	0.51
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**
ppb	ppb
2.7	2.865384615
0.32	0.54
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

ppbv -> ug/m3
(ppbv x 10^-9 MW)/(22.4 x 10^-3)

Name	CAS	MW	ug/m^3
		28 1	1.14
TFE	116-14-3	100.02	
Propylene	115-07-1	58.1	0
Propane	74-98-6	44.1	0
Dichlorodifluoromethane	75-71-8	120.9	0
Chloromethane	74-87-3	50.5	0
Isobutane	75-28-5	58.1	0
Dichlorotetrafluoroethane	76-14-2	170.9	0
Vinyl Chloride	75-01-4	62.5	0
1-Butene	106-98-9	56.1	0
1,3-Butadiene	106-99-0	54.1	0
Butane	106-99-0	54.1	0
trans-2-butene	106-97-8	58.1	0
Bromomethane	74-83-9	94.9	0
cis-2-butene	590-18-1	56.1	0
Chloroethane	75-00-3	64.5	0
Ethanol	64-17-5	46.1	0
Vinyl Bromide	593-60-2	106.9	0
Acetonitrile	75-05-8	41.0	0
Acrolein*	107-02-8	56.1	0
Acetone	67-64-1	58.1	0
iso-Pentane	78-78-4	72.2	0
Trichlorofluoromethane	75-69-4	137.4	0
Isopropyl Alcohol	67-30-0	60.1	0
1-Pentene	109-67-1	70.1	0
Acrylonitrile	107-13-1	53.0	0
n-Pentane	109-66-0	72.2	0
Isoprene	1173018-86-4	69.1	0

041219003.D	041219004.D	041219006.D
1 ppb	Ambient	Ambient dup
1 ppb	**Ambient**	Ambient dup
ug/m^3	ug/m^3	ug/m^3
0	0.12	0
7.9	46.5	37.2
4.1	135	97.7
7.8	2.0	1.6
3.4	1.3	0.96
3.5	1.2	0.68
9.0	0	0
3.1	0	0
2.8	0.99	0
4.4	0	0
2.7	0.66	0.96
3.0	0	0
4.3	0	0
3.0	0	0
3.1	0	0
0	1255	1105
5.0	0	0
1.8	0	0
2.6	1.1	0.97
5.5	12.2	11.5
3.6	2.3	2.1
5.5	1.3	1.4
2.2	4.8	6.3
3.6	0	0
1.8	0	0
3.6	2.5	2.1
3.2	0.41	0.39

041219007.D	041219009.D	041219011.D
System blank	Batch Blank 2	Trip Blank
System blank	Batch Blank 2	**Trip Blank**
ug/m^3	ug/m^3	ug/m^3
0.22	0	0.15
1.1	0	0
2.6	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.56	0	0
0	0	0
0.20	0	0
0	0	0
0	0	0
0	0	0
0	0	0
144	0	0
0	0	0
0	0	0
0.75	0	0.08
0	0	0
0	0	0
0	0	0
1.1	0	0
0	0	0
0	0	0
0.24	0	0
0	0	0

041219013.D	041519002.D	041519003.D
Field Blank	Inst blank	1 ppb
Field Blank	Inst blank	1 ppb
ug/m^3	ug/m^3	ug/m^3
0.03	0	0
1.6	0	4.8
3.3	0	2.1
0	0	5.8
0	0	2.5
0	0	2.6
0	0	8.5
0	0	3.0
0	0	2.4
0	0	4.1
0.09	0	2.6
0	0	2.9
0	0	4.2
0	0	2.9
0	0	3.0
257	0	0
0	0	4.9
0	0	1.7
0.17	0	2.5
0	0	0
0.10	0	3.3
0	0	6.0
1.1	0	1.3
0	0	3.5
0	0	1.8
0.17	0	3.5
0	0	3.3

041519005.D	041519006.D	041519007.D
batch blank 1	Sample 1	Sample 1dup
batch blank 1	**Sample 1**	Sample 1dup
ug/m^3	ug/m^3	ug/m^3
#VALUE!	0.52	0.31
0	40.5	42.8
0	107	114
0	2.0	1.9
0	1.1	1.3
0	1.9	2.3
0	0	0
0	0	0
0	0	0
0	0	0
0	1.6	1.4
0	0	0
0	0	0
0	0	0
0	0	0
0	2806	2741
0	0	0
0	0	0
0	1.3	1.4
0	16.8	17.3
0	2.5	2.5
0	1.4	1.4
0	8.3	8.8
0	0	0
0	0	0
0	2.9	2.9
0	0.17	0

041519009.D	041519011.D	041519013.D
Sample 2	Sample 3	Sample 4
Sample 2	**Sample 3**	**Sample 4**
ug/m^3	ug/m^3	ug/m^3
0.22	0.11	0.21
468	133	119
1262	372	337
2.4	2.7	2.3
1.3	1.5	1.5
20.0	6.4	8.0
0	0	0
0	0	0
0.87	1.0	2.1
0.28	0	0.35
3.1	1.5	6.7
0	0	0
0	0	0
0	0	0
0	0	0
5002	3986	5104
0	0	0
0	0	0
2.0	0.95	3.4
17.2	17.3	33.4
2.0	2.9	5.0
1.5	1.6	1.7
31.5	34.1	10.7
0.59	3.6	0.68
0	0	0.18
1.8	3.6	5.2
0.22	0.43	0.49

041519015.D	041519017.D	041619002.D
Sample 5	Sample 6	Inst blank
Sample 5	**Sample 6**	Inst blank
ug/m^3	ug/m^3	ug/m^3
0.11	0.21	0
101	112	0
277	306	0
2.2	2.2	0
1.3	1.4	0
8.7	10.8	0
0	0	0
0	0	0
2.3	3.8	0
0.33	0.57	0
7.1	5.5	0
0	0	0
0	0	0
0	0	2.4
0	0	0
5276	4591	0
0	0	0
0	0.39	0
3.5	3.5	0
65.2	51.5	0
6.6	7.3	0
1.9	2.1	0
22.7	20.4	0
0.79	0.66	0
0.20	0.29	0
4.6	6.2	0
0.44	0.51	0

041619003.D	041619005.D	041619006.D
1 ppb	batch blank 1	Sample 7
1 ppb	batch blank 1	**Sample 7**
ug/m^3	ug/m^3	ug/m^3
0	0	0.22
4.2	0	83.2
1.8	0.15	208
5.4	0	2.0
2.2	0	1.2
2.4	0.08	11.0
8.4	0	0
2.9	0	0
2.2	0.28	4.6
4.0	0	0.71
2.6	0	4.7
2.7	0	0
4.3	0	0
2.7	0	0
3.0	0	0
0	0.81	5733
4.8	0	0
1.7	0	2.5
2.4	0	6.4
0	1.5	75.9
3.3	0.10	9.0
6.2	0	1.8
1.5	0	47.7
3.4	0	1.2
1.8	0	0.30
3.5	0	6.5
3.3	0	0.49

041619007.D	041619009.D	041619011.D
Sample 7dup	Sample 8	Sample 9
Sample 7dup	**Sample 8**	**Sample 9**
ug/m^3	ug/m^3	ug/m^3
0	0.32	0.22
98.0	120	114
238	293	294
2.4	2.3	2.5
1.5	1.7	1.8
11.7	13.6	13.2
0	0	0
0	0	0
5.3	12.0	12.7
0.73	1.3	1.1
5.2	3.3	3.2
0	0	0.44
0	0	0
0	0	0
0	0	0
6037	5253	4733
0	0	0
2.8	1.4	0.88
6.8	8.5	9.5
78.6	133	71.5
9.4	12.1	8.4
1.8	1.7	1.5
44.8	35.4	77.0
1.8	1.7	1.2
0.33	0.41	0.22
6.9	7.1	6.1
0.48	0.65	0.92

041619013.D	041619015.D	041619017.D
Sample 10	Sample 11	Sample 12
Sample 10	**Sample 11**	**Sample 12**
ug/m^3	ug/m^3	ug/m^3
0.42	0.52	2.3
112	77.4	51.8
293	219	135
2.4	0	2.4
1.9	1.7	1.5
11.1	10.9	9.6
0	0	0
0	0	0
5.7	0	0.85
0.63	0	0.21
1.7	0	1.6
0.27	0	0
0	0	1.6
10.9	0	0
0	0	0
4664	3978	4504
0	0	0
0.79	0	0.60
5.8	4.0	5.1
52.5	36.1	16.4
7.1	4.5	2.8
1.5	1.4	1.4
35.1	54.0	6.3
1.2	0.81	0.68
0.33	0.17	0
7.2	3.6	2.2
0.76	0.48	0.22

041719002.D	041719003.D	041719005.D
Inst blank	1 ppb	batch blank 1
Inst blank	1 ppb	batch blank 1
ug/m^3	ug/m^3	ug/m^3
0	0	0
0	4.1	0
0	1.7	0.23
0	5.4	0
0	2.2	0
0	2.4	0
0	8.1	0
0	2.8	0
0	2.2	0.10
0	3.9	0
0	2.4	0
0	2.7	0
0	4.1	0
0	2.7	2.2
0	3.0	0
0	0	10.5
0	4.6	0
0	1.6	0
0	2.3	0
0	0	0
0	3.2	0
0	6.1	0
0	1.5	0.07
0	3.4	0
0	1.7	0
0	3.5	0
0	3.3	0

041719006.D	041719007.D	041719009.D
Sample 13	Sample 13dup	Sample 14
Sample 13	Sample 13dup	**Sample 14**
ug/m^3	ug/m^3	ug/m^3
2.1	0	2.1
59.2	57.9	93.8
151	148	239
2.0	2.0	2.2
1.2	1.1	1.4
9.1	9.7	12.5
0	0	0
0	0	0
1.3	0.48	2.3
0.20	0	0.55
3.6	3.4	5.1
0	0	0.49
0	0	0
0	0	0.28
0	0	0
3527	3470	4449
0	0	0
0	0	0.54
2.4	2.1	3.6
26.9	24.4	36.8
5.3	5.1	8.6
1.5	1.5	1.4
22.3	21.8	48.5
0.61	0.68	0.94
0.19	0.17	0.36
5.4	5.3	7.9
0.19	0.18	0.98

041719011.D	041719013.D
Sample 15	Sample 16
Sample 15	**Sample 16**
ug/m^3	ug/m^3
1.3	2.2
60.9	95.9
157	252
2.2	2.2
1.4	1.3
6.3	7.6
0	0
0	0
1.4	1.1
0.30	0.23
1.9	1.6
0	0.25
0	0
5.8	0
0	0
2265	2575
0	0
0	0
2.2	2.2
14.5	18.9
3.4	4.5
1.4	1.3
14.9	47.4
1.7	0
0.53	0.25
4.5	5.5
0.19	0.72

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

1.089583333	-0.182874511	2.902140092	-0.003058996	0.041261236	3.200489632	-0.083582406
1.007291667	-0.424682613	3.16317684	-0.00400618	0.045938633	3.231181224	-0.069244078
1.145833333	1.500911167	2.657014568	-0.00265388	0.19143752	3.011389307	-0.018809443
1.009375	0.122850527	3.330477208	-0.003558094	0.053299865	3.812599664	-0.090553141
1.011458333	0.082621466	7.061720087	-0.019889663	0.261551866	8.058948569	-0.110319521
1.004166667	0.103352707	4.765546364	-0.003491223	0.097325323	5.070019318	-0.060308589
0.996875	0.262748007	2.564330276	-0.005505496	0.105242554	3.122877211	-0.103907819
0.89375	0.060627159	2.283670979	-0.009468075	0.031598705	2.535909361	-0.087440641
1.113541667	0.069577318	3.886789852	-0.004755716	0.098751982	4.654982235	-0.108893602
1.044791667	0.179029662	3.973085059	-0.004739397	0.071067778	4.508195416	-0.089982337
1.085416667	-0.107865325	9.198791743	-0.007080495	0.981417779	10.67459291	-0.081451275
1.083333333	-1.251095658	10.65484185	-0.014377793	0.003799918	12.90148406	-0.131524937
1.094791667	0.183031028	2.770953727	-0.006149397	0.037114693	3.381750457	-0.117326426
1.114583333	0.125994398	2.858917947	-0.009295915	0.00769071	3.052921872	-0.049546964
0.005104167	-0.026735133	1.770065533	-0.010928268	0.028112703	2.039993271	-0.089983326
1.09375	4.508633034	6.252537743	0.027817615	0.592285912	8.306302386	-0.044665092
0.870833333	-6.000546862	7.101873479	-0.060984341	-0.61515987	7.218766823	-0.220016816
1.104166667	-1.2591737	6.418834371	0.00262579	-0.223357869	6.392686247	-0.019860365
1.125	-0.828617023	4.604577383	0.006593646	-0.113107948	4.528445465	-0.030589753
1.08125	-18.76631557	16.6030703	-0.000814878	-0.287607173	12.57624758	0.077441196
1.088541667	-2.304701571	9.500716823	-0.000203488	-0.196004436	8.417542619	0.035230888
1.135416667	-0.457797701	2.921482999	0.01351129	-0.03987098	2.610651863	0.018297996
1.047916667	544.0976828	174.6930085	0.013941604	-121.5285918	137.9831577	0.10147234
2.178125	-0.992455804	4.481886374	0.009850324	-0.083107628	4.31781141	-0.055936588
1.13125	1.484753329	4.302328204	-0.002277134	0.068250588	5.302948498	-0.110344846
1.066666667	-5.236701923	9.555013388	-0.002492555	-0.311915148	8.172944898	0.007799451
1.114583333	-1.493283918	4.45871805	0.016621072	-0.046268587	3.449427737	0.064608242
1.098958333	-22.01536201	21.15923283	0.008880842	-1.406809638	18.91056869	0.021740376
1.103125	0.105379556	3.919911194	0.003235119	-0.047462831	4.633048773	-0.097228924
1.096875	-0.890048721	4.029869499	0.016799532	-0.073856683	4.064651433	-0.038722016
1.127083333	0.578965831	3.271290078	-0.003103022	0.07054287	3.71549011	-0.052156009
2.185416667	-0.39483141	3.432640546	-0.00081863	0.010842601	3.029995691	0.023564847
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0.922158355	0.524621658	0.175216919
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0.011205468	0.011616906	0.012410937
0.01435953	0.01435953	0.01435953
0.043547081	0.043005415	0.177058841
0.033394217	0.032292054	0.055623132
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0.07834906	0.077862815	0.08648038
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0.031623223	0.031809989	0.033807381
0.005418262	0.005418262	0.005418262

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

1.20	0.00	0.00
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1.36	0.19	0.16
1.09	0.00	0.00
1.04	0.08	0.07
1.06	0.00	0.00
0.99	0.05	0.06
1.56	0.04	0.00
1.16	0.00	0.00
1.10	0.00	0.00
0.49	0.00	0.11
0.54	0.00	0.00
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0.98	0.00	0.00
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0.29	0.00	0.00
1.00	9.43	14.19
1.11	0.00	0.00
1.18	0.00	0.00
1.21	0.05	0.00
1.22	0.00	0.00
1.24	0.26	0.24
1.55	0.00	0.00
2.37	0.00	0.00
1.18	0.00	0.00
1.17	0.00	0.00
1.23	0.00	0.00
1.16	0.00	0.00
1.16	0.00	0.00
1.17	0.00	0.00
1.18	0.00	0.00
2.37	0.16	0.15
1.14	0.05	0.05
2.40	0.00	0.00
1.14	0.12	0.10
1.15	0.00	0.00
1.20	0.00	0.00
1.21	0.10	0.00
1.19	0.00	0.00
1.28	0.00	0.00
1.13	0.00	0.00
1.03	0.00	0.00
1.14	0.11	0.11
2.28	0.00	0.00
1.27	0.00	0.00
2.44	0.00	0.00
1.08	0.00	0.00

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0.00	0.00	0.00

0.00	0.00	1.21
0.00	0.00	1.15
0.07	0.00	1.20
0.00	0.00	1.08
0.00	0.00	1.07
0.00	0.00	1.07
0.00	0.00	1.06
0.00	0.00	1.08
0.00	0.00	1.20
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0.00	0.00	1.22
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0.00	0.00	1.17
0.05	0.00	1.24
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0.00	0.00	1.23
0.00	0.00	1.18
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0.11	0.00	1.20
0.00	0.00	1.23
0.00	0.00	1.20
0.00	0.00	1.20
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0.00	0.00	2.50
0.00	0.00	1.06

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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
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0.00	0.00	0.00
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0.00	0.00	0.04
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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
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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
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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
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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
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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
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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

trans-2-pentene	646-04-8	70.1	0
cis-2-pentene	627-20-3	70.1	0
Tert-Butanol	75-65-0	74.1	0
1,1-Dichloroethene	75-35-4	96.9	0
Methylene Chloride	75-09-2	84.9	0
3-Chloro-1-Propene	107-05-1	76.5	0
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	187.4	0
Carbon Disulfide	75-15-0	76.1	0
2,2-Dimethylbutane	75-83-2	86.2	0
trans-1,2-Dichloroethene	156-60-65	96.9	0
Cyclopentane	287-92-3	70.1	0
2,3-Dimethylbutane	79-29-8	86.2	0
1,1-Dichloroethane	75-34-3	99.0	0
Methyl-t-Butyl-Ether	1634-04-4	88.2	0
Vinyl Acetate	108-05-4	86.0	0
2-Methylpentane	107-83-5	86.2	0
2-Butanone	78-93-3	72.1	0
3-Methylpentane	96-14-0	86.2	0
2-Chloroprene	126-99-8	88.5	0
1-Hexene	592-41-6	84.2	0
cis-1,2-Dichloroethene	156-59-2	96.9	0
Diisopropyl ether	108-20-3	102.2	0
Ethyl Acetate	141-78-6	88.1	0
n-Hexane	110-54-3	86.2	0
Chloroform	67-66-3	119.4	0
Tetrahydrofuran	109-99-9	72.1	0
Ethyl Tert-Butyl Ether	637-92-3	102.2	0
Methylcyclopentane	102014-58-4	136.6	0
1,2-Dichloroethane	107-062	99.0	0
2,4-Dimethylpentane	108-08-7	100.2	0
1,1,1-Trichloroethane	71-55-6	133.4	0
Benzene	71-43-2	78.1	0
Carbon Tetrachloride	56-23-5	153.8	0
Cyclohexane	110-82-7	84.2	0
2-Methylhexane	591-76-4	100.2	0
2,3-Dimethylpentane	565-59-3	100.2	0
Tert Amyl Methyl Ether	994-05-8	102.2	0
3-methylhexane	589-34-4	100.2	0
1,2-Dichloropropane	78-87-5	113.0	0
Ethyl acrylate	141-78-6	88.1	0
Bromodichloromethane	75-27-4	163.8	0
1,4-Dioxane	123-91-1	88.1	0
Trichloroethene	79-01-6	131.4	0
Isooctane	540-81-1	114.2	0
Methyl Methacrylate	80-62-6	100.1	0
Heptane	142-82-5	100.2	0
cis-1,3-Dichloropropene	542-75-6	111.0	0

3.4	0	0
3.3	0	0
4.1	0.59	0.49
4.3	0	0
3.6	0.29	0.24
3.3	0	0
7.6	0.37	0.47
4.9	0.11	0
4.1	0	0
4.4	0	0
1.4	0	0.32
1.9	0	0
4.5	0	0
3.5	0	0
0.01	0	0
1.0	0	0
3.0	27.8	41.8
3.9	0	0
4.3	0	0
4.2	0.17	0
4.9	0	0
5.2	1.1	1.0
5.6	0	0
8.3	0	0
5.8	0	0
3.4	0	0
5.2	0	0
6.5	0	0
4.7	0	0
4.8	0	0
6.4	0	0
7.6	0.52	0.47
7.2	0.33	0.34
8.2	0	0
4.7	0.50	0.42
4.7	0	0
5.0	0	0
5.0	0.39	0
5.5	0	0
4.6	0	0
7.6	0	0
3.7	0	0
6.1	0.58	0.57
10.7	0	0
5.2	0	0
10.0	0	0
4.9	0	0

0	0	0
0	0	0
0.46	0	0.09
3.4	0	0
0	0	0
0	0	0
0	0	0
0.14	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
1.6	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	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.43	0	0
0	0	0
0	0	0
0.52	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	3.5
0	0	3.3
0.21	0	3.6
0	0	4.3
0	0	3.7
0	0	3.3
0	0	8.1
0	0	3.4
0	0	4.2
0	0	4.5
0	0	3.3
0	0	4.2
0	0	4.8
0	0	4.4
0	0	0.01
0	0	4.0
0.37	0	2.5
0	0	4.1
0	0	4.5
0	0	4.1
0	0	4.6
0.19	0	5.2
0	0	5.8
0	0	8.2
0	0	5.9
0	0	3.5
0	0	5.1
0	0	6.6
0	0	4.8
0	0	4.9
0	0	6.6
0	0	7.6
0	0	7.6
0	0	8.4
0.51	0	4.8
0	0	4.8
0	0	5.0
0.46	0	4.9
0	0	5.7
0	0	4.3
0	0	8.0
0	0	3.7
0	0	6.3
0	0	10.9
0	0	5.0
0	0	10.2
0	0	4.8

0	0	0
0	0	0
0	0.59	0.60
0	0	0
0	0.26	0.27
0	0	0
0	0.50	0.50
0	0	0
0	0	0
0	0	0
0	0	0
0	0	1.6
0	0	0
0	0	0
0	0	0
0	1.1	1.1
0	1.2	1.2
0	0.22	0.20
0	0	0
0	0	0.14
0	0	0
0	10.2	10.4
0	46.9	47.6
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0.74	0.79
0	0	0
0	0.39	0.39
0	0.42	0.44
0	0	0
0	9.8	9.8
0	3.5	3.7
0	0	0
0	9.8	9.9
0	0	0
0	0	0
0	0	0
0	0	0
0	0.39	0.42
0	0	0
0	0	0
0	1.0	1.1
0	0	0

0	0	0
0	0	0
0.50	0.51	0.94
0.65	0	0
0.74	0.63	0.89
0	0	0
0.64	0.54	0.49
0	0	0
0	0	0
0	0	0
1.3	0	0
5.3	0	0
0	0	0
0	0	0
0.01	0	0.04
3.4	5.3	8.5
1.5	1.9	4.8
0	0.23	0.80
0	0	0.83
0.24	0	5.7
0	0	38.5
17.6	10.2	24.2
86.4	46.9	118
1.6	2.2	4.9
0	0.15	0.21
0	0	1.8
0	0	0
0.63	0	0
0	0	0
1.3	0.75	2.7
0	0	0
0.62	0.43	0.59
0.46	0.55	0.61
0	0	0
18.7	10.1	39.9
7.0	3.7	13.5
0	0	2.2
19.8	10.5	42.4
0	0	2.0
0	0	0
0	0	0
0	0	0
0.37	0.70	0.89
0	0	0
0	0	0
2.2	1.4	5.0
0	0	0

0	0	0
0	0	0
0.60	0.74	0
0	0	0
1.1	0.73	0
0	0	0
0.51	0.52	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.19	0	0
0.10	0	0
0	0	0
11.6	10.0	0
5.4	7.3	0
0.52	0.59	0
0	0	0
1.3	0.40	0
0	0	0
27.9	16.9	0
133	77.7	0
5.7	5.3	0
0.24	0.27	0
0	0	0
0	0	0
1.6	1.2	0
0	0	0
3.6	2.1	0
0	0	0
0.68	1.4	0
0.64	0.72	0
0	0	0
50.9	29.4	0
16.9	10.2	0
2.2	0	0
53.0	30.3	0
0	0	0
0	0	0
0	0	0
0	0	0
1.0	1.5	0
0.28	0.35	0
0	0	0
5.8	3.5	0
0	0	0

3.5	0	0.16
3.3	0	0
3.7	0	1.4
4.3	0	0
3.9	0	1.2
3.4	0	0
8.3	0	0.52
3.2	0	0
4.4	0	0
4.6	0	0
3.3	0	0
4.4	0	8.4
4.9	0	0
4.5	0	0
0.01	0.00	0.04
3.9	0	5.9
4.8	0	8.6
9.0	0	0.93
5.5	0	0
4.1	0	1.9
4.8	0	0
5.3	0	33.7
48.5	0	159
8.2	0	3.9
5.9	0	0.22
3.5	0	0.53
5.1	0	0
6.7	0	1.9
4.9	0	0
5.0	0	4.4
6.6	0	0
7.6	0	3.0
7.5	0	0.65
8.5	0	1.0
4.8	0	64.6
4.9	0	20.5
5.0	0	0
5.0	0	65.5
5.5	0	0
4.3	0	0
8.0	0	0
3.8	0	0
6.2	0	1.2
10.9	0	0.60
4.9	0	0
9.5	0	7.3
4.8	0	0

0.20	0.29	0.36
0.16	0.26	0.25
1.4	2.7	1.4
0	0	0
1.3	0.78	0.46
0	0.16	0
0.55	0.49	0.55
0	0	0
0	0	0
0	0	0
0	0	0
8.1	4.9	2.8
0	0	0
0	0	0
0.04	0.04	0.04
6.1	3.1	1.8
9.0	21.9	31.1
0.79	1.5	5.2
0	0	0.26
2.1	0.75	0.65
0	0	0
34.5	19.3	9.8
160	93.4	44.7
4.0	2.2	1.3
0.23	0.17	0
0	0	0
0	0	0
1.8	1.3	1.1
0	0	0
4.4	1.5	0.56
0	0	0
3.1	4.6	3.3
0.64	0.54	0.41
0.97	0	0
64.9	26.3	14.3
20.7	8.0	2.8
0	0	0
66.0	24.1	7.6
0	0	0
0	0	0
0	0	0
0	0	0
1.3	1.1	1.6
0.57	0.47	0.40
0	0	0
7.4	3.0	1.2
0	0	0

0.17	0	0
0	0	0
0.90	0.77	0.40
0	0	0
0.65	0.44	4.4
0	0	0
0.58	0.56	0.58
0.33	0	0
0	0	0
0	0	0
0	0	0
0	1.1	0
0	0	0
0	0	0
0.01	0.01	0.00
0.92	0.74	0.31
18.5	14.5	6.5
2.4	0.69	0.33
0	0	0
0.44	0.26	0.21
0	0	0
9.3	5.1	5.9
41.6	22.9	26.9
3.3	0	0
0	0	0
0	0	0
0	0	0
0.54	0.49	0
0	0	0
0.36	0.22	0
0	0	0
3.0	1.1	1.2
0.47	0.40	0.49
0	0	0
10.2	5.7	1.9
2.1	1.2	0.75
0	0	0
6.1	3.0	2.3
0	0	0
0	0	0
0	0	0
0	0	0
1.1	0.72	0.41
0	0	0
0	0	0
0.94	0.48	0
0	0	0

0	3.4	0
0	3.2	0
0	3.6	0
0	4.3	0
0	3.7	0
0	3.3	0.76
0	8.1	0
0	3.1	0
0	4.2	0
0	4.5	0
0	3.2	0
0	4.3	0
0	4.7	0
0	4.4	0
0	0.01	0
0	3.8	0
0	3.5	0.37
0	4.2	0
0	4.5	0
0	4.0	0
0	4.7	0
0	5.1	0
0	7.5	0
0	8.2	0
0	5.8	0
0	3.5	0
0	5.1	0
0	6.5	0
0	4.8	0
0	4.9	0
0	6.5	0
0	7.5	0
0	7.4	0
0	8.3	0
0	4.7	0
0	4.7	0
0	5.0	0
0	4.9	0
0	5.5	0
0	4.4	0
0	7.8	0
0	3.7	0
0	6.3	0
0	10.9	0
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0	9.5	0
0	4.7	0

0	0	0.25
0	0	0.16
0.84	0.74	0.80
0	0	0
0.55	0.53	0.53
0	0	0
0.58	0.53	0.59
0.11	0.09	0
0	0	0.20
0	0	0
0.72	0.64	1.2
0	0	1.7
0	0	0
0	0	0
0.01	0.01	0.01
0.37	0	1.1
6.7	6.3	5.4
0.37	0.47	0.65
0	0	0
0.23	0.21	0.37
0	0	0
6.8	6.2	8.7
29.7	30.1	40.8
0	0	1.1
0	0	0
0	0	0
0	0	0
0.72	0.72	0.90
0	0	0
0.84	0.75	0.65
0	0	0
1.2	1.1	2.3
0.44	0.39	0.39
0	0	0
9.5	9.1	7.3
3.7	3.6	2.8
0	0	0
9.9	9.5	8.0
0	0	0
0	0	0
0	0	0
0	0	0
0.49	0.48	2.5
0	0	0.72
0	0	0
1.1	1.1	1.2
0	0	0

0	0
0	0
0.43	0.58
0.43	0
0.43	0.49
0	0
0.51	0.54
0	0.15
0	0
0	0
0.50	1.6
0	0
0	0
0	0
0	0.01
0	0.99
4.3	81.4
0.18	0.40
0	0
0.32	0.41
0	0
2.1	2.2
13.6	14.8
0	0
0	0
0	0
0	0
0	0.52
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1.1	1.1
0.42	0.39
0	0
0.43	0.89
0	0
0	0
0.49	1.0
0	0
0	0
0	0
0	0
0.68	1.2
0	0.44
0	0
0	0.51
0	0

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
1.104166667	-0.628037608	2.939511185	0.047014505	0.067577534	1.627775491	0.183372102
0.969791667	-1.340012719	5.410862038	0.057668291	0.308992967	2.916666007	0.226763449
0.982291667	0.083321816	4.261789476	0.067552863	0.23988333	2.625861797	0.221404792
1.114583333	0.032508328	1.560365622	0.072127086	0.030647606	1.150532614	0.157101742
0.96875	-3.054303317	4.992087803	0.060002209	-0.02288333	2.939176899	0.126463225
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0.008624247	0.018348525	0.492475537
0.005839071	0.006208482	0.208991085
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0.00543382	0.005794227	0.190304328
0.004662313	0.004995336	0.240271486
0.01040369	0.010828331	0.104909508
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0.005550225	0.006501692	0.148354591
0.002713494	0.00305268	0.158065892
0.007812791	0.008781251	0.201696838
0.006143469	0.013368444	0.794146607
0.006549383	0.014067528	0.640705094
0.00366159	0.007780879	0.710421802
0.004693441	0.004903668	0.199795763
0.008647422	0.017844317	0.37509573
0.201329767	0.226495988	0.213626447
0.00678546	0.00764071	0.204609805
0.002962466	0.006344615	0.744804834
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0.002262822	0.002192108	0.076510183
0.002373647	0.002477494	0.429863835
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0.004283904	0.009085447	0.850828671
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0.00828268	0.008498375	0.312680239
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0.007520376	0.007872894	0.319549115
0.003660218	0.004041491	0.573932612
0.004487292	0.004548058	0.381151881
0.00853959	0.009384654	0.237366544
0.004365532	0.004820274	0.481923421
0.009731861	0.009437878	0.258393897
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0.01312259	0.012712509	0.3328201
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37141	0	0
99817	1047	1155
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74131	0	0
72920	0	0
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265872	3544	3124
67319	1116	1052
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79186	407	456
251081	237628	230513
138274	750	715
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122164	20785	19970
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77335	0	0
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90817	0	0
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199473	3374	1264

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694	770	471
898	721	622
1001	986	928
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586	745	576
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206572	178255	183815
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606	0	0
1147	730	0
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61662	779	1251
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98891	0	10077
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90627	764	13460
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0.400805854	0.269920036	1.138270101
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0.154973283	0.1684009	0.170518368
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0.141408588	0.156171199	0.158498824
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0.08560728	0.08979084	0.123751022
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0.047014505	0.054011547	0.047014505
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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

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2.21	0.00	0.00
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0.00	0.00	2.26
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0.00	0.00	1.24
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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
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	0.08	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	0.07	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

4-Methy-2-Pentanone	108-10-1	100.2	0
Methylcyclohexane	10061-02-6	111.0	0
trans-1,3-Dichloropropene	79-00-5	133.4	0
1,1,2-Trichloroethane	79-00-5	133.4	0
2,3,4-Trimethylpentane	108-88-3	92.1	0
Toluene	2037-26-5	100.2	0
2-Methylheptane	592-27-8	114.2	0
2-Hexanone	591-78-6	100.1	0
Dibromochloromethane	124-48-1	208.3	0
3-Methylheptane	589-81-1	114.2	0
1,2-Dibromoethane	106-93-4	187.8	0
Octane	107-06-2	99.0	0
Tetrachloroethene	127-18-4	165.8	0
1,1,1,2-Tetrachloroethane	630-20-6	167.8	0
Chlorobenzene	108-90-7	112.6	0
Ethylbenzene	100-41-4	106.2	0
m-Xylene	1330-20-7	106.2	0
p-Xylene	75-25-2	252.8	0
Bromoform	100-42-5	104.1	0
Styrene	79-34-5	167.9	0
Butyl Acrylate	95-47-6	106.2	0
1,1,2,2-Tetrachloroethane	79-34-5	167.8	0
o-Xylene	95-47-6	106.2	0
Nonane	111-84-2	128.3	0
Bromofluorobenzene	1072-85-1	175.0	0
Cumene	92-82-8	120.2	0
Chlorotoluenes	25168-05-2	126.6	0
n-Propylbenzene	103-65-1	120.2	0
m-Ethyltoluene	620-14-4	120.2	0
1,3,5-Trimethylbenzene	108-67-8	120.2	0
1,2,4-Trimethylbenzene	95-63-6	120.2	0
Tert-Butyl Benzene	98-06-6	134.2	0
1-Ethyl-4-Methyl Benzene	622-96-8	120.2	0
o-Ethyltoluene	611-14-3	120.2	0
1,3-Dichlorobenzene	541-73-1	147.0	0
1,4-Dichlorobenzene	106-46-7	147.0	0
n-Decane	124-18-5	142.3	0
Sec-Butyl Benzene	135-98-8	134.2	0
1,2,3-Trimethylbenzene	87-61-6	181.5	0
1,2-Dichlorobenzene	95-50-1	147.0	0
o-Cymene	527-84-4	134.2	0
1,3-Diethylbenzene	141-93-5	134.2	0
1,2-Diethylbenzene	135-01-3	134.2	0
n-Butyl Benzene	104-51-8	134.2	0
Undecane	1120-21-4	156.3	0
1,2,4-Trichlorobenzene	120-82-1	181.5	0
Naphthalene	91-20-3	128.2	0

3.7	0	0
5.1	0	0
4.2	0	0
6.4	0	0
4.4	0	0
9.3	257	263
5.4	0	0
2.4	0	0
9.3	0	0
5.9	0	0
9.1	0	0
4.9	0	0
8.4	0	0
8.2	0	0
5.7	0	0
10.7	0	0
9.8	0	0.85
22.8	0	0
4.6	0	0
16.1	0	0
4.8	0	0
8.3	0	0
10.1	0	0
6.4	0	0
0	0	0
5.5	0	0
0	0	0
5.6	2.7	2.7
5.5	0	0
11.0	0	0
10.9	0	0
6.6	0	0
10.6	0	0
5.7	0	0
6.9	0	0
6.2	0	0
6.6	0	0
6.4	0	0
8.5	0	0
7.2	0	0
6.8	0	0
5.9	0	0
5.8	0	0
7.1	0	0
7.9	0	0
21.2	0	0
8.5	0	0

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0	0	0

0	0	3.8
0	0	5.2
0	0	4.2
0	0	6.6
0	0	4.4
0	0	9.4
0	0	5.4
0	0	2.5
0	0	9.9
0	0	6.0
0	0	8.7
0	0	4.8
0	0	8.6
0	0	8.4
0	0	5.7
0	0	10.4
0	0	9.8
0	0	22.4
0	0	4.9
0	0	15.5
0	0	5.7
0	0	8.5
0	0	10.0
0	0	6.2
0	0	0
0	0	5.5
0	0	0
0	0	5.3
0	0	5.3
0	0	11.1
0	0	10.9
0	0	6.4
0	0	10.7
0	0	5.5
0	0	6.7
0	0	6.2
0	0	6.4
0	0	6.4
0	0	7.7
0	0	6.8
0	0	6.5
0	0	5.7
0	0	5.8
0	0	6.9
0	0	6.9
0	0	17.4
0	0	6.8

0	17.2	17.4
0	0	0
0	0	0
0	0	0
0	0	0
0	173	176
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
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0	0	0
0	0	0
0	0	0
0	0	0
0	0.80	1.0
0	0	0
0	0	0
0	0	0
0	0	0
0	0.29	0.25
0	2.0	0
0	0	0
0	0	0
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0	0	0
0	0	0
0.07	0	0
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0	5.1	5.2
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0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

66.1	41.9	91.1
0	0	1.1
0	0	0
0	0	0
0	0	0
28.2	8.5	6.4
0	0	0.54
0	0	0.16
0	0	0
0	0	0.38
0	0	0
0	0	0.80
0	0	0
0	0	0
0	0	0
0	0	0
0	0.56	0
0.67	1.3	1.3
0	0	0
0	0	0
0	0	0
0	0	0
0.37	1.1	1.2
0	0.27	0.77
0	0	0
0	0	0
0	0	0
0	0	0
1.0	4.8	5.3
0	0	0
0	0	0
0	0	0
0	0	4.3
0	0	0
0	0	0
0	0	0
121	219	260
0	0	0
0.28	0.45	0.54
0	0	0
1.6	2.7	4.1
0	0.89	0
0	0	0
0	0	0
0	0.82	0.67
0	0	0
0.41	1.5	0.56

95.0	59.1	0
0	0.73	0
0	0	0
0	0	0
0	0.13	0
4.4	7.2	0
0.58	0.94	0
0.21	0.32	0
0	0	0
0.43	0.80	0
0	0	0
0	0.55	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1.3	1.8	0
0	0	0
0	0	0
0	0	0
0	0	0
1.3	1.4	0
0.40	0.76	0
0	0	0
0	0.12	0
0	0	0
0	0	0
6.9	7.7	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
440	545	0
0	0.67	0
0	1.5	0
0	0	0
0	0.36	0
0	0	0
0	0	0
0	0	0
0	2.0	0
0	0	0
0	1.0	0

0	0	122
5.2	0	1.6
4.2	0	0
6.7	0	0
4.5	0	0
9.5	0	8.5
5.5	0	1.3
2.4	0	0.29
9.8	0	0
5.9	0	0.72
8.8	0	0
4.7	0	0.47
8.6	0	0
8.4	0	0
5.7	0	0
10.3	0	0
8.0	0	0
19.8	0	1.9
4.8	0	0
15.4	0	0
0	0	0
8.7	0	0
10.1	0	1.3
6.1	0	1.0
0	0	0
5.6	0	0.19
0	0	0
5.3	0	0
5.4	0	6.6
11.0	0	0
10.8	0	0
6.3	0	0
10.7	0	0
5.6	0	0
6.6	0	1.5
5.8	0	0
6.3	0	697
6.3	0	0.69
7.7	0	1.5
6.5	0	0
6.4	0	0
5.6	0	0
5.7	0	0
6.8	0	0
6.6	0	1.9
15.4	0	0
6.5	0	0

123	82.0	46.1
0	0.82	0.44
0	0	0
0	0	0
0	0	0.12
8.6	5.5	25.9
1.4	1.8	1.8
0.52	0.59	0.62
0	0	0
1.3	1.5	1.5
0	0	0
0.48	0.38	0
0	0	0
0	0	0
0	0	0
0	0	0.80
0	0.48	1.3
1.6	1.5	1.7
0	0	0
0	0	0
0	0	0
0	0	0
1.3	0.74	0.76
1.1	1.4	1.1
0	0	0
0.14	0.22	0.12
0	0	0
0.30	0	0
6.7	4.1	1.1
0	0.20	0.34
0	0	0
0	0	0
0	0	0
0	0	0
1.5	5.7	0.70
0	0	0
707	797	342
0	0	0
1.7	1.9	1.2
0	0	0
0	0	6.5
0	0	0
0	0	0
0	0	0
1.8	4.0	1.8
0	0	0.77
0	0.57	2.1

42.3	22.2	30.9
0	0	0
0	0	0
0	0	0
0	0	0.15
55.9	7.4	85.8
0.68	0	0
0.66	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
0.99	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.32	0	0
0.56	0.28	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.17	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.65	0	0
0	0	0
68.1	14.5	2.0
0	0	0
0.54	0.32	0
0	0	0
0	0	0.92
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1.2	0	0

0	3.6	0
0	5.1	0
0	3.9	0
0	6.5	0
0	4.4	0
0	9.3	0
0	5.4	0
0	2.4	0
0	9.5	0
0	5.7	0
0	8.4	0
0	4.7	0
0	8.3	0
0	8.1	0
0	5.4	0
0	10.1	0
0	9.2	0
0	24.0	0
0	4.7	0
0	15.0	0
0	4.4	0
0	8.5	0
0	9.9	0
0.46	6.0	0
0	0	0
0	5.4	0
0	0	0
0	5.1	0
0	5.3	0
0	10.8	0.07
0	10.5	0
0	6.2	0
0	10.5	0
0	5.5	0
0	6.1	0
0	6.1	0
0	6.1	0
0	6.2	0
0	7.3	0
0	6.2	0
0	6.2	0
0	5.3	0
0	5.3	0
0	6.4	0
0	6.2	0
0	15.2	0
0	6.0	0

19.3	19.0	31.6
0	0	0.83
0	0	0
0	0	0
0	0	0.27
13.4	12.9	120
0	0	0
0	0	0
0	0	0
0	0	0.19
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0.59
0	0	0.84
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0.29
0	0	0.20
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	0	0
0	0	0
1.8	0	1.0
0	0	0
0	0	0.33
0	0	0
0.57	0	1.8
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

10.6	14.6
0	0
0	0
0	0
0	0.26
36.4	415
0	0.41
0	0.12
0	0
0	0.28
0	0
0	0.50
0	0
0	0
0	0
0	0.75
0	1.5
0	1.9
0	0
0	0
0	0
0	0
0	0.75
0	0.31
0	0
0	0
0	0
0.69	1.7
0	0.62
0	0.24
0	0.41
0	0
0	0
0	0
0	0
0	0
0.46	0.69
0	0.70
0	0.54
0	0
0.74	1.8
0	0
0	0
0	0
0	0
0	0
0	0

124] Dodecane
125] Hexachlorobutadiene

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

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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	

Dodecane	112-40-3	170.3	0
Hexachlorobutadiene	87-68-3	260.8	0

11.2	0.56	0
15.0	0	0

0	0	0
0	0	0

0	0	8.2
0	0	13.2

0.28	0.75	0.73
0.17	0	0

2.2	3.4	1.0
0	0	0

1.5	7.5	0
0	0	0

7.5	0	11.0
13.2	0	0

11.4	14.1	9.4
0	0	1.1

13.4	2.4	0.79
0	0	0

0	7.0	0
0	12.4	0.15

1.1	0.80	1.0
0	0	0

1.1	1.0
0	0

0	0
0	0
0	0
91127	91127
0	0
41473	41473
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0	0
0	0
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0	0
0	0
0	0
1098	1098
6929	6929
0	0
0	0
0	0
17512	17512
0	0
5008	5008
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2946	2946
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97626	97626
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1474	1474
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443389	NA	64280
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3895	NA	0
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1409	NA	0
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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
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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
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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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83818	10714	2150
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32185	16838	8328
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4905	NA	2116
1265	NA	0
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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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0	984
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0	0
0	509
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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
0	0
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530	530
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1265	1265
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0	0
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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3242	NA	397

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261711	NA	NA
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760	NA	NA
9445	NA	NA
71596	NA	NA
823	NA	NA

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201622	NA	NA
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1809	NA	NA
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1769	NA	NA
308	NA	NA

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112864	661782	664193
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1752	0	0
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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	1769	14651
NA	308	0

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0	0	0
187210	125882	214094
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	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	0
14651	0	5129
0	0	322

0	NA	0
0	NA	0
0	NA	0
	NA	
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	0
0	NA	0
0	NA	0
586889	NA	213660
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	0
0	NA	0
0	NA	0
0	NA	0
0	NA	0
0	NA	0
0	NA	0
0	NA	0
839	NA	0
0	NA	0
0	NA	0
0	NA	0
0	NA	863
0	NA	0
0	NA	0
2188	NA	15745
1004	NA	460

NA	NA	0
NA	NA	0
NA	NA	0
NA	NA	
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	0
NA	NA	0
NA	NA	0
NA	NA	201622
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	0
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	0
NA	NA	0
NA	NA	0
NA	NA	1809
NA	NA	0
NA	NA	0
NA	NA	1769
NA	NA	308

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	0	0
0	0	0
0	0	0
0	0	0
225920	225920	186375
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
473	473	0
0	0	0
0	0	0
0	0	0
0	0	0
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

0	0
0	776
0	414
0	723
0	561
0	1511
0	1150
0	1498
0	380
0	0
0	0
0	637
0	1308
0	346
630311	222345
0	733
0	521
0	486
0	0
0	0
0	0
0	571
0	0
0	554
0	0
0	0
10038	766
0	839
0	543
0	0
0	552
0	0
0	0
0	0
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

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

041219003.D
1 ppb

Name	CAS	MW	ug/m^3
TFE	116-14-3	100.0	0
Propylene	115-07-1	58.1	7.9
Propane	74-98-6	44.1	4.1
Dichlorodifluoromethane	75-71-8	120.9	7.8
Chloromethane	74-87-3	50.5	3.4
Isobutane	75-28-5	58.1	3.5
Dichlorotetrafluoroethane	76-14-2	170.9	9.0
Vinyl Chloride	75-01-4	62.5	3.1
1-Butene	106-98-9	56.1	2.8
1,3-Butadiene	106-99-0	54.1	4.4
Butane	106-99-0	54.1	2.7
trans-2-butene	106-97-8	58.1	3.0
Bromomethane	74-83-9	94.9	4.3
cis-2-butene	590-18-1	56.1	3.0
Chloroethane	75-00-3	64.5	3.1
Ethanol	64-17-5	46.1	0
Vinyl Bromide	593-60-2	106.9	5.0
Acetonitrile	75-05-8	41.0	1.8
Acrolein*	107-02-8	56.1	2.6
Acetone	67-64-1	58.1	5.5
iso-Pentane	78-78-4	72.2	3.6
Trichlorofluoromethane	75-69-4	137.4	5.5
Isopropyl Alcohol	67-30-0	60.1	2.2
1-Pentene	109-67-1	70.1	3.6
Acrylonitrile	107-13-1	53.0	1.8
n-Pentane	109-66-0	72.2	3.6
Isoprene	1173018-86-4	69.1	3.2
trans-2-pentene	646-04-8	70.1	3.4
cis-2-pentene	627-20-3	70.1	3.3
Tert-Butanol	75-65-0	74.1	4.1
1,1-Dichloroethene	75-35-4	96.9	4.3
Methylene Chloride	75-09-2	84.9	3.6
3-Chloro-1-Propene	107-05-1	76.5	3.3
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	187.4	7.6
Carbon Disulfide	75-15-0	76.1	4.9
2,2-Dimethylbutane	75-83-2	86.2	4.1
trans-1,2-Dichloroethene	156-60-65	96.9	4.4
Cyclopentane	287-92-3	70.1	1.4
2,3-Dimethylbutane	79-29-8	86.2	1.9
1,1-Dichloroethane	75-34-3	99.0	4.5
Methyl-t-Butyl-Ether	1634-04-4	88.2	3.5
Vinyl Acetate	108-05-4	86.0	0.01
2-Methylpentane	107-83-5	86.2	1.0

041219004.D	041219006.D	041219007.D
Ambient	Ambient dup	**System blank**
ug/m^3	ug/m^3	ug/m^3
0.12	0	0.22
46.5	37.2	1.1
135	97.7	2.6
2.0	1.6	0
1.3	0.96	0
1.2	0.68	0
0	0	0
0	0	0
0.99	0	0.56
0	0	0
0.66	0.96	0.20
0	0	0
0	0	0
0	0	0
0	0	0
1255	1105	144
0	0	0
0	0	0
1.1	0.97	0.75
12.2	11.5	0
2.3	2.1	0
1.3	1.4	0
4.8	6.3	1.1
0	0	0
0	0	0
2.5	2.1	0.24
0.41	0.39	0
0	0	0
0	0	0
0.59	0.49	0.46
0	0	3.4
0.29	0.24	0
0	0	0
0.37	0.47	0
0.11	0	0.14
0	0	0
0	0	0
0	0.32	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

041219009.D	041219011.D	041219013.D
Batch Blank 2	**Trip Blank**	**Field Blank**
ug/m^3	ug/m^3	ug/m^3
	0	0.15	0.03
	0	0	1.6
	0	0	3.3
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	0.09
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0	0	257
	0	0	0
	0	0	0
	0	0.08	0.17
	0	0	0
	0	0	0.10
	0	0	0
	0	0	1.1
	0	0	0
	0	0	0
	0	0	0.17
	0	0	0
	0	0	0
	0	0	0
	0	0.09	0.21
	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	0	0
	0	0	0
	0	0	0

041519002.D	041519003.D	041519005.D	
Inst blank	1 ppb	batch blank 1	
ug/m^3	ug/m^3	ug/m^3	
	0	0	#VALUE!
	0	4.8	0
	0	2.1	0
	0	5.8	0
	0	2.5	0
	0	2.6	0
	0	8.5	0
	0	3.0	0
	0	2.4	0
	0	4.1	0
	0	2.6	0
	0	2.9	0
	0	4.2	0
	0	2.9	0
	0	3.0	0
	0	0	0
	0	4.9	0
	0	1.7	0
	0	2.5	0
	0	0	0
	0	3.3	0
	0	6.0	0
	0	1.3	0
	0	3.5	0
	0	1.8	0
	0	3.5	0
	0	3.3	0
	0	3.5	0
	0	3.3	0
	0	3.6	0
	0	4.3	0
	0	3.7	0
	0	3.3	0
	0	8.1	0
	0	3.4	0
	0	4.2	0
	0	4.5	0
	0	3.3	0
	0	4.2	0
	0	4.8	0
	0	4.4	0
	0	0.01	0
	0	4.0	0

041519006.D	041519007.D	041519009.D
Sample 1	Sample 1dup	**Sample 2**
ug/m^3	ug/m^3	ug/m^3
0.52	0.31	0.22
40.5	42.8	468
107	114	1262
2.0	1.9	2.4
1.1	1.3	1.3
1.9	2.3	20.0
0	0	0
0	0	0
0	0	0.87
0	0	0.28
1.6	1.4	3.1
0	0	0
0	0	0
0	0	0
0	0	0
2806	2741	5002
0	0	0
0	0	0
1.3	1.4	2.0
16.8	17.3	17.2
2.5	2.5	2.0
1.4	1.4	1.5
8.3	8.8	31.5
0	0	0.59
0	0	0
2.9	2.9	1.8
0.17	0	0.22
0	0	0
0	0	0
0.59	0.60	0.50
0	0	0.65
0.26	0.27	0.74
0	0	0
0.50	0.50	0.64
0	0	0
0	0	0
0	0	0
0	0	1.3
0	1.6	5.3
0	0	0
0	0	0
0	0	0.01
1.1	1.1	3.4

041519011.D	041519013.D	041519015.D
Sample 3	**Sample 4**	**Sample 5**
ug/m^3	ug/m^3	ug/m^3
0.11	0.21	0.11
133	119	101
372	337	277
2.7	2.3	2.2
1.5	1.5	1.3
6.4	8.0	8.7
0	0	0
0	0	0
1.0	2.1	2.3
0	0.35	0.33
1.5	6.7	7.1
0	0	0
0	0	0
0	0	0
0	0	0
3986	5104	5276
0	0	0
0	0	0
0.95	3.4	3.5
17.3	33.4	65.2
2.9	5.0	6.6
1.6	1.7	1.9
34.1	10.7	22.7
3.6	0.68	0.79
0	0.18	0.20
3.6	5.2	4.6
0.43	0.49	0.44
0	0	0
0	0	0
0.51	0.94	0.60
0	0	0
0.63	0.89	1.1
0	0	0
0.54	0.49	0.51
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0.19
0	0	0.10
0	0.04	0
5.3	8.5	11.6

041519017.D	041619002.D	041619003.D
Sample 6	Inst blank	1 ppb
ug/m^3	ug/m^3	ug/m^3
0.21	0	0
112	0	4.2
306	0	1.8
2.2	0	5.4
1.4	0	2.2
10.8	0	2.4
0	0	8.4
0	0	2.9
3.8	0	2.2
0.57	0	4.0
5.5	0	2.6
0	0	2.7
0	0	4.3
0	2.4	2.7
0	0	3.0
4591	0	0
0	0	4.8
0.39	0	1.7
3.5	0	2.4
51.5	0	0
7.3	0	3.3
2.1	0	6.2
20.4	0	1.5
0.66	0	3.4
0.29	0	1.8
6.2	0	3.5
0.51	0	3.3
0	0	3.5
0	0	3.3
0.74	0	3.7
0	0	4.3
0.73	0	3.9
0	0	3.4
0.52	0	8.3
0	0	3.2
0	0	4.4
0	0	4.6
0	0	3.3
0	0	4.4
0	0	4.9
0	0	4.5
0	0	0.01
10.0	0	3.9

041619005.D	041619006.D	041619007.D
batch blank 1	**Sample 7**	Sample 7dup
ug/m^3	ug/m^3	ug/m^3
0	0.22	0
0	83.2	98.0
0.15	208	238
0	2.0	2.4
0	1.2	1.5
0.08	11.0	11.7
0	0	0
0	0	0
0.28	4.6	5.3
0	0.71	0.73
0	4.7	5.2
0	0	0
0	0	0
0	0	0
0	0	0
0.81	5733	6037
0	0	0
0	2.5	2.8
0	6.4	6.8
1.5	75.9	78.6
0.10	9.0	9.4
0	1.8	1.8
0	47.7	44.8
0	1.2	1.8
0	0.30	0.33
0	6.5	6.9
0	0.49	0.48
0	0.16	0.20
0	0	0.16
0	1.4	1.4
0	0	0
0	1.2	1.3
0	0	0
0	0.52	0.55
0	0	0
0	0	0
0	0	0
0	0	0
0	8.4	8.1
0	0	0
0	0	0
0.00	0.04	0.04
0	5.9	6.1

041619009.D	041619011.D	041619013.D
Sample 8	**Sample 9**	**Sample 10**
ug/m^3	ug/m^3	ug/m^3
0.32	0.22	0.42
120	114	112
293	294	293
2.3	2.5	2.4
1.7	1.8	1.9
13.6	13.2	11.1
0	0	0
0	0	0
12.0	12.7	5.7
1.3	1.1	0.63
3.3	3.2	1.7
0	0.44	0.27
0	0	0
0	0	10.9
0	0	0
5253	4733	4664
0	0	0
1.4	0.88	0.79
8.5	9.5	5.8
133	71.5	52.5
12.1	8.4	7.1
1.7	1.5	1.5
35.4	77.0	35.1
1.7	1.2	1.2
0.41	0.22	0.33
7.1	6.1	7.2
0.65	0.92	0.76
0.29	0.36	0.17
0.26	0.25	0
2.7	1.4	0.90
0	0	0
0.78	0.46	0.65
0.16	0	0
0.49	0.55	0.58
0	0	0.33
0	0	0
0	0	0
0	0	0
4.9	2.8	0
0	0	0
0	0	0
0.04	0.04	0.01
3.1	1.8	0.92

041619015.D	041619017.D	041719002.D
Sample 11	**Sample 12**	Inst blank
ug/m^3	ug/m^3	ug/m^3
0.52	2.3	0
77.4	51.8	0
219	135	0
0	2.4	0
1.7	1.5	0
10.9	9.6	0
0	0	0
0	0	0
0	0.85	0
0	0.21	0
0	1.6	0
0	0	0
0	1.6	0
0	0	0
0	0	0
3978	4504	0
0	0	0
0	0.60	0
4.0	5.1	0
36.1	16.4	0
4.5	2.8	0
1.4	1.4	0
54.0	6.3	0
0.81	0.68	0
0.17	0	0
3.6	2.2	0
0.48	0.22	0
0	0	0
0	0	0
0.77	0.40	0
0	0	0
0.44	4.4	0
0	0	0
0.56	0.58	0
0	0	0
0	0	0
0	0	0
0	0	0
1.1	0	0
0	0	0
0	0	0
0.01	0.00	0
0.74	0.31	0

041719003.D	041719005.D	041719006.D
1 ppb	batch blank 1	**Sample 13**
ug/m^3	ug/m^3	ug/m^3
0	0	2.1
4.1	0	59.2
1.7	0.23	151
5.4	0	2.0
2.2	0	1.2
2.4	0	9.1
8.1	0	0
2.8	0	0
2.2	0.10	1.3
3.9	0	0.20
2.4	0	3.6
2.7	0	0
4.1	0	0
2.7	2.2	0
3.0	0	0
0	10.5	3527
4.6	0	0
1.6	0	0
2.3	0	2.4
0	0	26.9
3.2	0	5.3
6.1	0	1.5
1.5	0.07	22.3
3.4	0	0.61
1.7	0	0.19
3.5	0	5.4
3.3	0	0.19
3.4	0	0
3.2	0	0
3.6	0	0.84
4.3	0	0
3.7	0	0.55
3.3	0.76	0
8.1	0	0.58
3.1	0	0.11
4.2	0	0
4.5	0	0
3.2	0	0.72
4.3	0	0
4.7	0	0
4.4	0	0
0.01	0	0.01
3.8	0	0.37

041719007.D	041719009.D	041719011.D
Sample 13dup	**Sample 14**	**Sample 15**
ug/m^3	ug/m^3	ug/m^3
0	2.1	1.3
57.9	93.8	60.9
148	239	157
2.0	2.2	2.2
1.1	1.4	1.4
9.7	12.5	6.3
0	0	0
0	0	0
0.48	2.3	1.4
0	0.55	0.30
3.4	5.1	1.9
0	0.49	0
0	0	0
0	0.28	5.8
0	0	0
3470	4449	2265
0	0	0
0	0.54	0
2.1	3.6	2.2
24.4	36.8	14.5
5.1	8.6	3.4
1.5	1.4	1.4
21.8	48.5	14.9
0.68	0.94	1.7
0.17	0.36	0.53
5.3	7.9	4.5
0.18	0.98	0.19
0	0.25	0
0	0.16	0
0.74	0.80	0.43
0	0	0.43
0.53	0.53	0.43
0	0	0
0.53	0.59	0.51
0.09	0	0
0	0.20	0
0	0	0
0.64	1.2	0.50
0	1.7	0
0	0	0
0	0	0
0.01	0.01	0
0	1.1	0

041719013.D

Sample 16

ug/m^3

2.2
95.9
252
2.2
1.3
7.6
0
0
1.1
0.23
1.6
0.25
0
0
0
2575
0
0
2.2
18.9
4.5
1.3
47.4
0
0.25
5.5
0.72
0
0
0.58
0
0.49
0
0.54
0.15
0
0
1.6
0
0
0
0.01
0.99

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

2-Butanone	78-93-3	72.1	3.0
3-Methylpentane	96-14-0	86.2	3.9
2-Chloroprene	126-99-8	88.5	4.3
1-Hexene	592-41-6	84.2	4.2
cis-1,2-Dichloroethene	156-59-2	96.9	4.9
Diisopropyl ether	108-20-3	102.2	5.2
Ethyl Acetate	141-78-6	88.1	5.6
n-Hexane	110-54-3	86.2	8.3
Chloroform	67-66-3	119.4	5.8
Tetrahydrofuran	109-99-9	72.1	3.4
Ethyl Tert-Butyl Ether	637-92-3	102.2	5.2
Methylcyclopentane	102014-58-4	136.6	6.5
1,2-Dichloroethane	107-062	99.0	4.7
2,4-Dimethylpentane	108-08-7	100.2	4.8
1,1,1-Trichloroethane	71-55-6	133.4	6.4
Benzene	71-43-2	78.1	7.6
Carbon Tetrachloride	56-23-5	153.8	7.2
Cyclohexane	110-82-7	84.2	8.2
2-Methylhexane	591-76-4	100.2	4.7
2,3-Dimethylpentane	565-59-3	100.2	4.7
Tert Amyl Methyl Ether	994-05-8	102.2	5.0
3-methylhexane	589-34-4	100.2	5.0
1,2-Dichloropropane	78-87-5	113.0	5.5
Ethyl acrylate	141-78-6	88.1	4.6
Bromodichloromethane	75-27-4	163.8	7.6
1,4-Dioxane	123-91-1	88.1	3.7
Trichloroethene	79-01-6	131.4	6.1
Isooctane	540-81-1	114.2	10.7
Methyl Methacrylate	80-62-6	100.1	5.2
Heptane	142-82-5	100.2	10.0
cis-1,3-Dichloropropene	542-75-6	111.0	4.9
4-Methy-2-Pentanone	108-10-1	100.2	3.7
Methylcyclohexane	10061-02-6	111.0	5.1
trans-1,3-Dichloropropene	79-00-5	133.4	4.2
1,1,2-Trichloroethane	79-00-5	133.4	6.4
2,3,4-Trimethylpentane	108-88-3	92.1	4.4
Toluene	2037-26-5	100.2	9.3
2-Methylheptane	592-27-8	114.2	5.4
2-Hexanone	591-78-6	100.1	2.4
Dibromochloromethane	124-48-1	208.3	9.3
3-Methylheptane	589-81-1	114.2	5.9
1,2-Dibromoethane	106-93-4	187.8	9.1
Octane	107-06-2	99.0	4.9
Tetrachloroethene	127-18-4	165.8	8.4
1,1,1,2-Tetrachloroethane	630-20-6	167.8	8.2
Chlorobenzene	108-90-7	112.6	5.7
Ethylbenzene	100-41-4	106.2	10.7

27.8	41.8	1.6
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0.17	0	0
0	0	0
1.1	1.0	0
0	0	0
0	0	0
0	0	0
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0	0	0
0	0	0
0	0	0
0	0	0
0.52	0.47	0
0.33	0.34	0
0	0	0
0.50	0.42	0.43
0	0	0
0	0	0
0.39	0	0.52
0	0	0
0	0	0
0	0	0
0	0	0
0.58	0.57	0
0	0	0
0	0	0
0	0	0
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0	0	0.46
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0	2.5	0
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0	4.5	0
0	4.1	0
0	4.6	0
0	5.2	0
0	5.8	0
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0	4.9	0
0	6.6	0
0	7.6	0
0	7.6	0
0	8.4	0
0	4.8	0
0	4.8	0
0	5.0	0
0	4.9	0
0	5.7	0
0	4.3	0
0	8.0	0
0	3.7	0
0	6.3	0
0	10.9	0
0	5.0	0
0	10.2	0
0	4.8	0
0	3.8	0
0	5.2	0
0	4.2	0
0	6.6	0
0	4.4	0
0	9.4	0
0	5.4	0
0	2.5	0
0	9.9	0
0	6.0	0
0	8.7	0
0	4.8	0
0	8.6	0
0	8.4	0
0	5.7	0
0	10.4	0

1.2	1.2	1.5
0.22	0.20	0
0	0	0
0	0.14	0.24
0	0	0
10.2	10.4	17.6
46.9	47.6	86.4
0	0	1.6
0	0	0
0	0	0
0	0	0
0	0	0.63
0	0	0
0.74	0.79	1.3
0	0	0
0.39	0.39	0.62
0.42	0.44	0.46
0	0	0
9.8	9.8	18.7
3.5	3.7	7.0
0	0	0
9.8	9.9	19.8
0	0	0
0	0	0
0	0	0
0	0	0
0.39	0.42	0.37
0	0	0
0	0	0
1.0	1.1	2.2
0	0	0
17.2	17.4	66.1
0	0	0
0	0	0
0	0	0
0	0	0
173	176	28.2
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

1.9	4.8	5.4
0.23	0.80	0.52
0	0.83	0
0	5.7	1.3
0	38.5	0
10.2	24.2	27.9
46.9	118	133
2.2	4.9	5.7
0.15	0.21	0.24
0	1.8	0
0	0	0
0	0	1.6
0	0	0
0.75	2.7	3.6
0	0	0
0.43	0.59	0.68
0.55	0.61	0.64
0	0	0
10.1	39.9	50.9
3.7	13.5	16.9
0	2.2	2.2
10.5	42.4	53.0
0	2.0	0
0	0	0
0	0	0
0	0	0
0.70	0.89	1.0
0	0	0.28
0	0	0
1.4	5.0	5.8
0	0	0
41.9	91.1	95.0
0	1.1	0
0	0	0
0	0	0
0	0	0
8.5	6.4	4.4
0	0.54	0.58
0	0.16	0.21
0	0	0
0	0.38	0.43
0	0	0
0	0.80	0
0	0	0
0	0	0
0	0	0
0	0	0

7.3	0	4.8
0.59	0	9.0
0	0	5.5
0.40	0	4.1
0	0	4.8
16.9	0	5.3
77.7	0	48.5
5.3	0	8.2
0.27	0	5.9
0	0	3.5
0	0	5.1
1.2	0	6.7
0	0	4.9
2.1	0	5.0
0	0	6.6
1.4	0	7.6
0.72	0	7.5
0	0	8.5
29.4	0	4.8
10.2	0	4.9
0	0	5.0
30.3	0	5.0
0	0	5.5
0	0	4.3
0	0	8.0
0	0	3.8
1.5	0	6.2
0.35	0	10.9
0	0	4.9
3.5	0	9.5
0	0	4.8
59.1	0	0
0.73	0	5.2
0	0	4.2
0	0	6.7
0.13	0	4.5
7.2	0	9.5
0.94	0	5.5
0.32	0	2.4
0	0	9.8
0.80	0	5.9
0	0	8.8
0.55	0	4.7
0	0	8.6
0	0	8.4
0	0	5.7
0	0	10.3

0	8.6	9.0
0	0.93	0.79
0	0	0
0	1.9	2.1
0	0	0
0	33.7	34.5
0	159	160
0	3.9	4.0
0	0.22	0.23
0	0.53	0
0	0	0
0	1.9	1.8
0	0	0
0	4.4	4.4
0	0	0
0	3.0	3.1
0	0.65	0.64
0	1.0	0.97
0	64.6	64.9
0	20.5	20.7
0	0	0
0	65.5	66.0
0	0	0
0	0	0
0	0	0
0	0	0
0	1.2	1.3
0	0.60	0.57
0	0	0
0	7.3	7.4
0	0	0
0	122	123
0	1.6	0
0	0	0
0	0	0
0	0	0
0	8.5	8.6
0	1.3	1.4
0	0.29	0.52
0	0	0
0	0.72	1.3
0	0	0
0	0.47	0.48
0	0	0
0	0	0
0	0	0
0	0	0

21.9	31.1	18.5
1.5	5.2	2.4
0	0.26	0
0.75	0.65	0.44
0	0	0
19.3	9.8	9.3
93.4	44.7	41.6
2.2	1.3	3.3
0.17	0	0
0	0	0
0	0	0
1.3	1.1	0.54
0	0	0
1.5	0.56	0.36
0	0	0
4.6	3.3	3.0
0.54	0.41	0.47
0	0	0
26.3	14.3	10.2
8.0	2.8	2.1
0	0	0
24.1	7.6	6.1
0	0	0
0	0	0
0	0	0
0	0	0
1.1	1.6	1.1
0.47	0.40	0
0	0	0
3.0	1.2	0.94
0	0	0
82.0	46.1	42.3
0.82	0.44	0
0	0	0
0	0	0
0	0.12	0
5.5	25.9	55.9
1.8	1.8	0.68
0.59	0.62	0.66
0	0	0
1.5	1.5	0
0	0	0
0.38	0	0
0	0	0
0	0	0
0	0	0
0	0.80	0

14.5	6.5	0
0.69	0.33	0
0	0	0
0.26	0.21	0
0	0	0
5.1	5.9	0
22.9	26.9	0
0	0	0
0	0	0
0	0	0
0	0	0
0.49	0	0
0	0	0
0.22	0	0
0	0	0
1.1	1.2	0
0.40	0.49	0
0	0	0
5.7	1.9	0
1.2	0.75	0
0	0	0
3.0	2.3	0
0	0	0
0	0	0
0	0	0
0	0	0
0.72	0.41	0
0	0	0
0	0	0
0.48	0	0
0	0	0
22.2	30.9	0
0	0	0
0	0	0
0	0	0
0	0.15	0
7.4	85.8	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

3.5	0.37	6.7
4.2	0	0.37
4.5	0	0
4.0	0	0.23
4.7	0	0
5.1	0	6.8
7.5	0	29.7
8.2	0	0
5.8	0	0
3.5	0	0
5.1	0	0
6.5	0	0.72
4.8	0	0
4.9	0	0.84
6.5	0	0
7.5	0	1.2
7.4	0	0.44
8.3	0	0
4.7	0	9.5
4.7	0	3.7
5.0	0	0
4.9	0	9.9
5.5	0	0
4.4	0	0
7.8	0	0
3.7	0	0
6.3	0	0.49
10.9	0	0
5.0	0	0
9.5	0	1.1
4.7	0	0
3.6	0	19.3
5.1	0	0
3.9	0	0
6.5	0	0
4.4	0	0
9.3	0	13.4
5.4	0	0
2.4	0	0
9.5	0	0
5.7	0	0
8.4	0	0
4.7	0	0
8.3	0	0
8.1	0	0
5.4	0	0
10.1	0	0

6.3	5.4	4.3
0.47	0.65	0.18
0	0	0
0.21	0.37	0.32
0	0	0
6.2	8.7	2.1
30.1	40.8	13.6
0	1.1	0
0	0	0
0	0	0
0	0	0
0.72	0.90	0
0	0	0
0.75	0.65	0
0	0	0
1.1	2.3	1.1
0.39	0.39	0.42
0	0	0
9.1	7.3	0.43
3.6	2.8	0
0	0	0
9.5	8.0	0.49
0	0	0
0	0	0
0	0	0
0	0	0
0.48	2.5	0.68
0	0.72	0
0	0	0
1.1	1.2	0
0	0	0
19.0	31.6	10.6
0	0.83	0
0	0	0
0	0	0
0	0.27	0
12.9	120	36.4
0	0	0
0	0	0
0	0	0
0	0.19	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

81.4
0.40
0
0.41
0
2.2
14.8
0
0
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0
0.52
0
0.26
0
1.1
0.39
0
0.89
0
0
1.0
0
0
0
0
1.2
0.44
0
0.51
0
14.6
0
0
0
0.26
415
0.41
0.12
0
0.28
0
0.50
0
0
0
0.75

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

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m-Xylene
p-Xylene
Bromoform
Styrene
Butyl Acrylate
1,1,2,2-Tetrachloroethane
o-Xylene
Nonane
Bromofluorobenzene
Cumene
Chlorotoluenes

m-Xylene	1330-20-7	106.2	9.8
p-Xylene	75-25-2	252.8	22.8
Bromoform	100-42-5	104.1	4.6
Styrene	79-34-5	167.9	16.1
Butyl Acrylate	95-47-6	106.2	4.8
1,1,2,2-Tetrachloroethane	79-34-5	167.8	8.3
o-Xylene	95-47-6	106.2	10.1
Nonane	111-84-2	128.3	6.4
Bromofluorobenzene	1072-85-1	175.0	0
Cumene	92-82-8	120.2	5.5
Chlorotoluenes	25168-05-2	126.6	0
n-Propylbenzene	103-65-1	120.2	5.6
m-Ethyltoluene	620-14-4	120.2	5.5
1,3,5-Trimethylbenzene	108-67-8	120.2	11.0
1,2,4-Trimethylbenzene	95-63-6	120.2	10.9
Tert-Butyl Benzene	98-06-6	134.2	6.6
1-Ethyl-4-Methyl Benzene	622-96-8	120.2	10.6
o-Ethyltoluene	611-14-3	120.2	5.7
1,3-Dichlorobenzene	541-73-1	147.0	6.9
1,4-Dichlorobenzene	106-46-7	147.0	6.2
n-Decane	124-18-5	142.3	6.6
Sec-Butyl Benzene	135-98-8	134.2	6.4
1,2,3-Trimethylbenzene	87-61-6	181.5	8.5
1,2-Dichlorobenzene	95-50-1	147.0	7.2
o-Cymene	527-84-4	134.2	6.8
1,3-Diethylbenzene	141-93-5	134.2	5.9
1,2-Diethylbenzene	135-01-3	134.2	5.8
n-Butyl Benzene	104-51-8	134.2	7.1
Undecane	1120-21-4	156.3	7.9
1,2,4-Trichlorobenzene	120-82-1	181.5	21.2
Naphthalene	91-20-3	128.2	8.5
Dodecane	112-40-3	170.3	11.2
Hexachlorobutadiene	87-68-3	260.8	15.0

0	0.85	0
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0	0	0
0	0	0
0	0	0
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2.7	2.7	0
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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	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	0
0	0	0

0	9.8	0
0	22.4	0
0	4.9	0
0	15.5	0
0	5.7	0
0	8.5	0
0	10.0	0
0	6.2	0
0	0	0
0	5.5	0
0	0	0
0	5.3	0
0	5.3	0
0	11.1	0.07
0	10.9	0
0	6.4	0
0	10.7	0
0	5.5	0
0	6.7	0
0	6.2	0
0	6.4	0
0	6.4	0
0	7.7	0
0	6.8	0
0	6.5	0
0	5.7	0
0	5.8	0
0	6.9	0
0	6.9	0
0	17.4	0
0	6.8	0
0	8.2	0.28
0	13.2	0.17

0	0	0
0.80	1.0	0.67
0	0	0
0	0	0
0	0	0
0	0	0
0.29	0.25	0.37
2.0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	1.0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
5.1	5.2	121
0	0	0
0	0	0.28
0	0	0
0	0	1.6
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0.41
0.75	0.73	2.2
0	0	0

0.56	0	0
1.3	1.3	1.3
0	0	0
0	0	0
0	0	0
0	0	0
1.1	1.2	1.3
0.27	0.77	0.40
0	0	0
0	0	0
0	0	0
0	0	0
4.8	5.3	6.9
0	0	0
0	0	0
0	0	0
0	4.3	0
0	0	0
0	0	0
0	0	0
219	260	440
0	0	0
0.45	0.54	0
0	0	0
2.7	4.1	0
0.89	0	0
0	0	0
0	0	0
0.82	0.67	0
0	0	0
1.5	0.56	0
3.4	1.0	1.5
0	0	0

0	0	8.0
1.8	0	19.8
0	0	4.8
0	0	15.4
0	0	0
0	0	8.7
1.4	0	10.1
0.76	0	6.1
0	0	0
0.12	0	5.6
0	0	0
0	0	5.3
7.7	0	5.4
0	0	11.0
0	0	10.8
0	0	6.3
0	0	10.7
0	0	5.6
0	0	6.6
0	0	5.8
545	0	6.3
0.67	0	6.3
1.5	0	7.7
0	0	6.5
0.36	0	6.4
0	0	5.6
0	0	5.7
0	0	6.8
2.0	0	6.6
0	0	15.4
1.0	0	6.5
7.5	0	7.5
0	0	13.2

0	0	0
0	1.9	1.6
0	0	0
0	0	0
0	0	0
0	0	0
0	1.3	1.3
0	1.0	1.1
0	0	0
0	0.19	0.14
0	0	0
0	0	0.30
0	6.6	6.7
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	1.5	1.5
0	0	0
0	697	707
0	0.69	0
0	1.5	1.7
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	1.9	1.8
0	0	0
0	0	0
0	11.0	11.4
0	0	0

0.48	1.3	0
1.5	1.7	0.99
0	0	0
0	0	0
0	0	0
0	0	0
0.74	0.76	0.32
1.4	1.1	0.56
0	0	0
0.22	0.12	0
0	0	0
0	0	0
4.1	1.1	0
0.20	0.34	0.17
0	0	0
0	0	0
0	0	0
0	0	0
5.7	0.70	0.65
0	0	0
797	342	68.1
0	0	0
1.9	1.2	0.54
0	0	0
0	6.5	0
0	0	0
0	0	0
0	0	0
4.0	1.8	0
0	0.77	0
0.57	2.1	1.2
14.1	9.4	13.4
0	1.1	0

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.28	0	0.46
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	0	0
0	0	0
14.5	2.0	0
0	0	0
0.32	0	0
0	0	0
0	0.92	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2.4	0.79	0
0	0	0

9.2	0	0
24.0	0	0
4.7	0	0
15.0	0	0
4.4	0	0
8.5	0	0
9.9	0	0
6.0	0	0
0	0	0
5.4	0	0
0	0	0
5.1	0	0
5.3	0	0
10.8	0.07	0
10.5	0	0
6.2	0	0
10.5	0	0
5.5	0	0
6.1	0	0
6.1	0	0
6.1	0	1.8
6.2	0	0
7.3	0	0
6.2	0	0
6.2	0	0.57
5.3	0	0
5.3	0	0
6.4	0	0
6.2	0	0
15.2	0	0
6.0	0	0
7.0	0	1.1
12.4	0.15	0

0	0.59	0
0	0.84	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0.29	0
0	0.20	0
0	0	0
0	0	0
0	0	0
0	0	0.69
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	1.0	0.46
0	0	0
0	0.33	0
0	0	0
0	1.8	0.74
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.80	1.0	1.1
0	0	0

1.5
1.9
0
0
0
0
0.75
0.31
0
0
0
1.7
0.62
0.24
0.41
0
0
0
0
0
0.69
0.70
0.54
0
1.8
0
0
0
0
0
0
1.0
0

	Name
	TFE
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-trifluoroethane
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

		041219004.D	041219007.D	041219011.D	041219013.D	041519006.D	041519007.D	041519009.D
		Ambient	**System blank**	**Trip Blank**	**Field Blank**	**Sample 1**	Sample 1dup	**Sample 2**
		Ambient	System blank	Trip Blank	Field Blank	Sample 1	Sample 1dup	Sample 2
CAS	MW	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
116-14-3	100.0	0.12	0.22	0.15	0.03	0.52	0.31	0.22
115-07-1	58.1	46.5	1.1	0	1.6	40.5	42.8	468
74-98-6	44.1	135	2.6	0	3.3	107	114	1262
75-71-8	120.9	2.0	0	0	0	2.0	1.9	2.4
74-87-3	50.5	1.3	0	0	0	1.1	1.3	1.3
75-28-5	58.1	1.2	0	0	0	1.9	2.3	20.0
76-14-2	170.9	0	0	0	0	0	0	0
75-01-4	62.5	0	0	0	0	0	0	0
106-98-9	56.1	0.99	0.56	0	0	0	0	0.87
106-99-0	54.1	0	0	0	0	0	0	0.28
106-99-0	54.1	0.66	0.20	0	0.09	1.6	1.4	3.1
106-97-8	58.1	0	0	0	0	0	0	0
74-83-9	94.9	0	0	0	0	0	0	0
590-18-1	56.1	0	0	0	0	0	0	0
75-00-3	64.5	0	0	0	0	0	0	0
64-17-5	46.1	1255	144	0	257	2806	2741	5002
593-60-2	106.9	0	0	0	0	0	0	0
75-05-8	41.0	0	0	0	0	0	0	0
107-02-8	56.1	1.1	0.75	0.08	0.17	1.3	1.4	2.0
67-64-1	58.1	12.2	0	0	0	16.8	17.3	17.2
78-78-4	72.2	2.3	0	0	0.10	2.5	2.5	2.0
75-69-4	137.4	1.3	0	0	0	1.4	1.4	1.5
67-30-0	60.1	4.8	1.1	0	1.1	8.3	8.8	31.5
109-67-1	70.1	0	0	0	0	0	0	0.59
107-13-1	53.0	0	0	0	0	0	0	0
109-66-0	72.2	2.5	0.24	0	0.17	2.9	2.9	1.8
1173018-86-4	69.1	0.41	0	0	0	0.17	0	0.22
646-04-8	70.1	0	0	0	0	0	0	0
627-20-3	70.1	0	0	0	0	0	0	0
75-65-0	74.1	0.59	0.46	0.09	0.21	0.59	0.60	0.50
75-35-4	96.9	0	3.4	0	0	0	0	0.65
75-09-2	84.9	0.29	0	0	0	0.26	0.27	0.74
107-05-1	76.5	0	0	0	0	0	0	0
76-13-1	187.4	0.37	0	0	0	0.50	0.50	0.64
75-15-0	76.1	0.11	0.14	0	0	0	0	0
75-83-2	86.2	0	0	0	0	0	0	0
156-60-65	96.9	0	0	0	0	0	0	0
287-92-3	70.1	0	0	0	0	0	0	1.3
79-29-8	86.2	0	0	0	0	0	1.6	5.3
75-34-3	99.0	0	0	0	0	0	0	0
1634-04-4	88.2	0	0	0	0	0	0	0
108-05-4	86.0	0	0	0	0	0	0	0.01

041519011.D	041519013.D	041519015.D	041519017.D	041619002.D	041619003.D	041619005.D	041619006.D	041619007.D
Sample 3	**Sample 4**	**Sample 5**	**Sample 6**	Inst blank	1 ppb	batch blank 1	**Sample 7**	Sample 7dup
Sample 3	Sample 4	Sample 5	Sample 6	Inst blank	1 ppb	batch blank 1	Sample 7	Sample 7dup
ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
0.11	0.21	0.11	0.21	0	0	0	0.22	0
133	119	101	112	0	4.2	0	83.2	98.0
372	337	277	306	0	1.8	0.15	208	238
2.7	2.3	2.2	2.2	0	5.4	0	2.0	2.4
1.5	1.5	1.3	1.4	0	2.2	0	1.2	1.5
6.4	8.0	8.7	10.8	0	2.4	0.08	11.0	11.7
0	0	0	0	0	8.4	0	0	0
0	0	0	0	0	2.9	0	0	0
1.0	2.1	2.3	3.8	0	2.2	0.28	4.6	5.3
0	0.35	0.33	0.57	0	4.0	0	0.71	0.73
1.5	6.7	7.1	5.5	0	2.6	0	4.7	5.2
0	0	0	0	0	2.7	0	0	0
0	0	0	0	0	4.3	0	0	0
0	0	0	0	2.4	2.7	0	0	0
0	0	0	0	0	3.0	0	0	0
3986	5104	5276	4591	0	0	0.81	5733	6037
0	0	0	0	0	4.8	0	0	0
0	0	0	0.39	0	1.7	0	2.5	2.8
0.95	3.4	3.5	3.5	0	2.4	0	6.4	6.8
17.3	33.4	65.2	51.5	0	0	1.5	75.9	78.6
2.9	5.0	6.6	7.3	0	3.3	0.10	9.0	9.4
1.6	1.7	1.9	2.1	0	6.2	0	1.8	1.8
34.1	10.7	22.7	20.4	0	1.5	0	47.7	44.8
3.6	0.68	0.79	0.66	0	3.4	0	1.2	1.8
0	0.18	0.20	0.29	0	1.8	0	0.30	0.33
3.6	5.2	4.6	6.2	0	3.5	0	6.5	6.9
0.43	0.49	0.44	0.51	0	3.3	0	0.49	0.48
0	0	0	0	0	3.5	0	0.16	0.20
0	0	0	0	0	3.3	0	0	0.16
0.51	0.94	0.60	0.74	0	3.7	0	1.4	1.4
0	0	0	0	0	4.3	0	0	0
0.63	0.89	1.1	0.73	0	3.9	0	1.2	1.3
0	0	0	0	0	3.4	0	0	0
0.54	0.49	0.51	0.52	0	8.3	0	0.52	0.55
0	0	0	0	0	3.2	0	0	0
0	0	0	0	0	4.4	0	0	0
0	0	0	0	0	4.6	0	0	0
0	0	0	0	0	3.3	0	0	0
0	0	0	0	0	4.4	0	8.4	8.1
0	0	0.19	0	0	4.9	0	0	0
0	0	0.10	0	0	4.5	0	0	0
0	0.04	0	0	0	0.01	0.00	0.04	0.04

041619009.D	041619011.D	041619013.D	041619015.D	041619017.D	041719002.D	041719003.D	041719005.D	041719006.D
Sample 8	**Sample 9**	**Sample 10**	**Sample 11**	**Sample 12**	Inst blank	1 ppb	batch blank 1	**Sample 13**
Sample 8	Sample 9	Sample 10	Sample 11	Sample 12	Inst blank	1 ppb	batch blank 1	Sample 13
ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
0.32	0.22	0.42	0.52	2.3	0	0	0	2.1
120	114	112	77.4	51.8	0	4.1	0	59.2
293	294	293	219	135	0	1.7	0.23	151
2.3	2.5	2.4	0	2.4	0	5.4	0	2.0
1.7	1.8	1.9	1.7	1.5	0	2.2	0	1.2
13.6	13.2	11.1	10.9	9.6	0	2.4	0	9.1
0	0	0	0	0	0	8.1	0	0
0	0	0	0	0	0	2.8	0	0
12.0	12.7	5.7	0	0.85	0	2.2	0.10	1.3
1.3	1.1	0.63	0	0.21	0	3.9	0	0.20
3.3	3.2	1.7	0	1.6	0	2.4	0	3.6
0	0.44	0.27	0	0	0	2.7	0	0
0	0	0	0	1.6	0	4.1	0	0
0	0	10.9	0	0	0	2.7	2.2	0
0	0	0	0	0	0	3.0	0	0
5253	4733	4664	3978	4504	0	0	10.5	3527
0	0	0	0	0	0	4.6	0	0
1.4	0.88	0.79	0	0.60	0	1.6	0	0
8.5	9.5	5.8	4.0	5.1	0	2.3	0	2.4
133	71.5	52.5	36.1	16.4	0	0	0	26.9
12.1	8.4	7.1	4.5	2.8	0	3.2	0	5.3
1.7	1.5	1.5	1.4	1.4	0	6.1	0	1.5
35.4	77.0	35.1	54.0	6.3	0	1.5	0.07	22.3
1.7	1.2	1.2	0.81	0.68	0	3.4	0	0.61
0.41	0.22	0.33	0.17	0	0	1.7	0	0.19
7.1	6.1	7.2	3.6	2.2	0	3.5	0	5.4
0.65	0.92	0.76	0.48	0.22	0	3.3	0	0.19
0.29	0.36	0.17	0	0	0	3.4	0	0
0.26	0.25	0	0	0	0	3.2	0	0
2.7	1.4	0.90	0.77	0.40	0	3.6	0	0.84
0	0	0	0	0	0	4.3	0	0
0.78	0.46	0.65	0.44	4.4	0	3.7	0	0.55
0.16	0	0	0	0	0	3.3	0.76	0
0.49	0.55	0.58	0.56	0.58	0	8.1	0	0.58
0	0	0.33	0	0	0	3.1	0	0.11
0	0	0	0	0	0	4.2	0	0
0	0	0	0	0	0	4.5	0	0
0	0	0	0	0	0	3.2	0	0.72
4.9	2.8	0	1.1	0	0	4.3	0	0
0	0	0	0	0	0	4.7	0	0
0	0	0	0	0	0	4.4	0	0
0.04	0.04	0.01	0.01	0.00	0	0.01	0	0.01

041719007.D	041719009.D	041719011.D	041719013.D
Sample 13dup	**Sample 14**	**Sample 15**	**Sample 16**
Sample 13dup	Sample 14	Sample 15	Sample 16
ug/m^3	ug/m^3	ug/m^3	ug/m^3
0	2.1	1.3	2.2
57.9	93.8	60.9	95.9
148	239	157	252
2.0	2.2	2.2	2.2
1.1	1.4	1.4	1.3
9.7	12.5	6.3	7.6
0	0	0	0
0	0	0	0
0.48	2.3	1.4	1.1
0	0.55	0.30	0.23
3.4	5.1	1.9	1.6
0	0.49	0	0.25
0	0	0	0
0	0.28	5.8	0
0	0	0	0
3470	4449	2265	2575
0	0	0	0
0	0.54	0	0
2.1	3.6	2.2	2.2
24.4	36.8	14.5	18.9
5.1	8.6	3.4	4.5
1.5	1.4	1.4	1.3
21.8	48.5	14.9	47.4
0.68	0.94	1.7	0
0.17	0.36	0.53	0.25
5.3	7.9	4.5	5.5
0.18	0.98	0.19	0.72
0	0.25	0	0
0	0.16	0	0
0.74	0.80	0.43	0.58
0	0	0.43	0
0.53	0.53	0.43	0.49
0	0	0	0
0.53	0.59	0.51	0.54
0.09	0	0	0.15
0	0.20	0	0
0	0	0	0
0.64	1.2	0.50	1.6
0	1.7	0	0
0	0	0	0
0	0	0	0
0.01	0.01	0	0.01

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

107-83-5	86.2	0	0	0	0	1.1	1.1	3.4
78-93-3	72.1	27.8	1.6	0	0.37	1.2	1.2	1.5
96-14-0	86.2	0	0	0	0	0.22	0.20	0
126-99-8	88.5	0	0	0	0	0	0	0
592-41-6	84.2	0.17	0	0	0	0	0.14	0.24
156-59-2	96.9	0	0	0	0	0	0	0
108-20-3	102.2	1.1	0	0	0.19	10.2	10.4	17.6
141-78-6	88.1	0	0	0	0	46.9	47.6	86.4
110-54-3	86.2	0	0	0	0	0	0	1.6
67-66-3	119.4	0	0	0	0	0	0	0
109-99-9	72.1	0	0	0	0	0	0	0
637-92-3	102.2	0	0	0	0	0	0	0
102014-58-4	136.6	0	0	0	0	0	0	0.63
107-062	99.0	0	0	0	0	0	0	0
108-08-7	100.2	0	0	0	0	0.74	0.79	1.3
71-55-6	133.4	0	0	0	0	0	0	0
71-43-2	78.1	0.52	0	0	0	0.39	0.39	0.62
56-23-5	153.8	0.33	0	0	0	0.42	0.44	0.46
110-82-7	84.2	0	0	0	0	0	0	0
591-76-4	100.2	0.50	0.43	0	0.51	9.8	9.8	18.7
565-59-3	100.2	0	0	0	0	3.5	3.7	7.0
994-05-8	102.2	0	0	0	0	0	0	0
589-34-4	100.2	0.39	0.52	0	0.46	9.8	9.9	19.8
78-87-5	113.0	0	0	0	0	0	0	0
141-78-6	88.1	0	0	0	0	0	0	0
75-27-4	163.8	0	0	0	0	0	0	0
123-91-1	88.1	0	0	0	0	0	0	0
79-01-6	131.4	0.58	0	0	0	0.39	0.42	0.37
540-81-1	114.2	0	0	0	0	0	0	0
80-62-6	100.1	0	0	0	0	0	0	0
142-82-5	100.2	0	0	0	0	1.0	1.1	2.2
542-75-6	111.0	0	0	0	0	0	0	0
108-10-1	100.2	0	0	0	0	17.2	17.4	66.1
10061-02-6	111.0	0	0	0	0	0	0	0
79-00-5	133.4	0	0	0	0	0	0	0
79-00-5	133.4	0	0	0	0	0	0	0
108-88-3	92.1	0	0	0	0	0	0	0
2037-26-5	100.2	257	0	0	0	173	176	28.2
592-27-8	114.2	0	0	0	0	0	0	0
591-78-6	100.1	0	0	0	0	0	0	0
124-48-1	208.3	0	0	0	0	0	0	0
589-81-1	114.2	0	0	0	0	0	0	0
106-93-4	187.8	0	0	0	0	0	0	0
107-06-2	99.0	0	0	0	0	0	0	0
127-18-4	165.8	0	0	0	0	0	0	0
630-20-6	167.8	0	0	0	0	0	0	0
108-90-7	112.6	0	0	0	0	0	0	0

5.3	8.5	11.6	10.0	0	3.9	0	5.9	6.1
1.9	4.8	5.4	7.3	0	4.8	0	8.6	9.0
0.23	0.80	0.52	0.59	0	9.0	0	0.93	0.79
0	0.83	0	0	0	5.5	0	0	0
0	5.7	1.3	0.40	0	4.1	0	1.9	2.1
0	38.5	0	0	0	4.8	0	0	0
10.2	24.2	27.9	16.9	0	5.3	0	33.7	34.5
46.9	118	133	77.7	0	48.5	0	159	160
2.2	4.9	5.7	5.3	0	8.2	0	3.9	4.0
0.15	0.21	0.24	0.27	0	5.9	0	0.22	0.23
0	1.8	0	0	0	3.5	0	0.53	0
0	0	0	0	0	5.1	0	0	0
0	0	1.6	1.2	0	6.7	0	1.9	1.8
0	0	0	0	0	4.9	0	0	0
0.75	2.7	3.6	2.1	0	5.0	0	4.4	4.4
0	0	0	0	0	6.6	0	0	0
0.43	0.59	0.68	1.4	0	7.6	0	3.0	3.1
0.55	0.61	0.64	0.72	0	7.5	0	0.65	0.64
0	0	0	0	0	8.5	0	1.0	0.97
10.1	39.9	50.9	29.4	0	4.8	0	64.6	64.9
3.7	13.5	16.9	10.2	0	4.9	0	20.5	20.7
0	2.2	2.2	0	0	5.0	0	0	0
10.5	42.4	53.0	30.3	0	5.0	0	65.5	66.0
0	2.0	0	0	0	5.5	0	0	0
0	0	0	0	0	4.3	0	0	0
0	0	0	0	0	8.0	0	0	0
0	0	0	0	0	3.8	0	0	0
0.70	0.89	1.0	1.5	0	6.2	0	1.2	1.3
0	0	0.28	0.35	0	10.9	0	0.60	0.57
0	0	0	0	0	4.9	0	0	0
1.4	5.0	5.8	3.5	0	9.5	0	7.3	7.4
0	0	0	0	0	4.8	0	0	0
41.9	91.1	95.0	59.1	0	0	0	122	123
0	1.1	0	0.73	0	5.2	0	1.6	0
0	0	0	0	0	4.2	0	0	0
0	0	0	0	0	6.7	0	0	0
0	0	0	0.13	0	4.5	0	0	0
8.5	6.4	4.4	7.2	0	9.5	0	8.5	8.6
0	0.54	0.58	0.94	0	5.5	0	1.3	1.4
0	0.16	0.21	0.32	0	2.4	0	0.29	0.52
0	0	0	0	0	9.8	0	0	0
0	0.38	0.43	0.80	0	5.9	0	0.72	1.3
0	0	0	0	0	8.8	0	0	0
0	0.80	0	0.55	0	4.7	0	0.47	0.48
0	0	0	0	0	8.6	0	0	0
0	0	0	0	0	8.4	0	0	0
0	0	0	0	0	5.7	0	0	0

3.1	1.8	0.92	0.74	0.31	0	3.8	0	0.37
21.9	31.1	18.5	14.5	6.5	0	3.5	0.37	6.7
1.5	5.2	2.4	0.69	0.33	0	4.2	0	0.37
0	0.26	0	0	0	0	4.5	0	0
0.75	0.65	0.44	0.26	0.21	0	4.0	0	0.23
0	0	0	0	0	0	4.7	0	0
19.3	9.8	9.3	5.1	5.9	0	5.1	0	6.8
93.4	44.7	41.6	22.9	26.9	0	7.5	0	29.7
2.2	1.3	3.3	0	0	0	8.2	0	0
0.17	0	0	0	0	0	5.8	0	0
0	0	0	0	0	0	3.5	0	0
0	0	0	0	0	0	5.1	0	0
1.3	1.1	0.54	0.49	0	0	6.5	0	0.72
0	0	0	0	0	0	4.8	0	0
1.5	0.56	0.36	0.22	0	0	4.9	0	0.84
0	0	0	0	0	0	6.5	0	0
4.6	3.3	3.0	1.1	1.2	0	7.5	0	1.2
0.54	0.41	0.47	0.40	0.49	0	7.4	0	0.44
0	0	0	0	0	0	8.3	0	0
26.3	14.3	10.2	5.7	1.9	0	4.7	0	9.5
8.0	2.8	2.1	1.2	0.75	0	4.7	0	3.7
0	0	0	0	0	0	5.0	0	0
24.1	7.6	6.1	3.0	2.3	0	4.9	0	9.9
0	0	0	0	0	0	5.5	0	0
0	0	0	0	0	0	4.4	0	0
0	0	0	0	0	0	7.8	0	0
0	0	0	0	0	0	3.7	0	0
1.1	1.6	1.1	0.72	0.41	0	6.3	0	0.49
0.47	0.40	0	0	0	0	10.9	0	0
0	0	0	0	0	0	5.0	0	0
3.0	1.2	0.94	0.48	0	0	9.5	0	1.1
0	0	0	0	0	0	4.7	0	0
82.0	46.1	42.3	22.2	30.9	0	3.6	0	19.3
0.82	0.44	0	0	0	0	5.1	0	0
0	0	0	0	0	0	3.9	0	0
0	0	0	0	0	0	6.5	0	0
0	0.12	0	0	0.15	0	4.4	0	0
5.5	25.9	55.9	7.4	85.8	0	9.3	0	13.4
1.8	1.8	0.68	0	0	0	5.4	0	0
0.59	0.62	0.66	0	0	0	2.4	0	0
0	0	0	0	0	0	9.5	0	0
1.5	1.5	0	0	0	0	5.7	0	0
0	0	0	0	0	0	8.4	0	0
0.38	0	0	0	0	0	4.7	0	0
0	0	0	0	0	0	8.3	0	0
0	0	0	0	0	0	8.1	0	0
0	0	0	0	0	0	5.4	0	0

0	1.1	0	0.99
6.3	5.4	4.3	81.4
0.47	0.65	0.18	0.40
0	0	0	0
0.21	0.37	0.32	0.41
0	0	0	0
6.2	8.7	2.1	2.2
30.1	40.8	13.6	14.8
0	1.1	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.72	0.90	0	0.52
0	0	0	0
0.75	0.65	0	0.26
0	0	0	0
1.1	2.3	1.1	1.1
0.39	0.39	0.42	0.39
0	0	0	0
9.1	7.3	0.43	0.89
3.6	2.8	0	0
0	0	0	0
9.5	8.0	0.49	1.0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.48	2.5	0.68	1.2
0	0.72	0	0.44
0	0	0	0
1.1	1.2	0	0.51
0	0	0	0
19.0	31.6	10.6	14.6
0	0.83	0	0
0	0	0	0
0	0	0	0
0	0.27	0	0.26
12.9	120	36.4	415
0	0	0	0.41
0	0	0	0.12
0	0	0	0
0	0.19	0	0.28
0	0	0	0
0	0	0	0.50
0	0	0	0
0	0	0	0
0	0	0	0

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

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100-41-4	106.2	0	0	0	0	0	0	0
1330-20-7	106.2	0	0	0	0	0	0	0
75-25-2	252.8	0	0	0	0	0.80	1.0	0.67
100-42-5	104.1	0	0	0	0	0	0	0
79-34-5	167.9	0	0	0	0	0	0	0
95-47-6	106.2	0	0	0	0	0	0	0
79-34-5	167.8	0	0	0	0	0	0	0
95-47-6	106.2	0	0	0	0	0.29	0.25	0.37
111-84-2	128.3	0	0	0	0	2.0	0	0
1072-85-1	175.0	0	0	0	0	0	0	0
92-82-8	120.2	0	0	0	0	0	0	0
25168-05-2	126.6	0	0	0	0	0	0	0
103-65-1	120.2	2.7	0	0	0	0	0	0
620-14-4	120.2	0	0	0	0	0	0	1.0
108-67-8	120.2	0	0	0	0	0	0	0
95-63-6	120.2	0	0	0	0	0	0	0
98-06-6	134.2	0	0	0	0	0	0	0
622-96-8	120.2	0	0	0	0	0	0	0
611-14-3	120.2	0	0	0	0	0	0	0
541-73-1	147.0	0	0	0	0	0	0	0
106-46-7	147.0	0	0	0	0	0	0	0
124-18-5	142.3	0	0	0	0	5.1	5.2	121
135-98-8	134.2	0	0	0	0	0	0	0
87-61-6	181.5	0	0	0	0	0	0	0.28
95-50-1	147.0	0	0	0	0	0	0	0
527-84-4	134.2	0	0	0	0	0	0	1.6
141-93-5	134.2	0	0	0	0	0	0	0
135-01-3	134.2	0	0	0	0	0	0	0
104-51-8	134.2	0	0	0	0	0	0	0
1120-21-4	156.3	0	0	0	0	0	0	0
120-82-1	181.5	0	0	0	0	0	0	0
91-20-3	128.2	0	0	0	0	0	0	0.41
112-40-3	170.3	0.56	0	0	0	0.75	0.73	2.2
87-68-3	260.8	0	0	0	0	0	0	0

0	0	0	0	0	10.3	0	0	0
0.56	0	0	0	0	8.0	0	0	0
1.3	1.3	1.3	1.8	0	19.8	0	1.9	1.6
0	0	0	0	0	4.8	0	0	0
0	0	0	0	0	15.4	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	8.7	0	0	0
1.1	1.2	1.3	1.4	0	10.1	0	1.3	1.3
0.27	0.77	0.40	0.76	0	6.1	0	1.0	1.1
0	0	0	0	0	0	0	0	0
0	0	0	0.12	0	5.6	0	0.19	0.14
0	0	0	0	0	0	0	0	0
0	0	0	0	0	5.3	0	0	0.30
4.8	5.3	6.9	7.7	0	5.4	0	6.6	6.7
0	0	0	0	0	11.0	0	0	0
0	0	0	0	0	10.8	0	0	0
0	0	0	0	0	6.3	0	0	0
0	4.3	0	0	0	10.7	0	0	0
0	0	0	0	0	5.6	0	0	0
0	0	0	0	0	6.6	0	1.5	1.5
0	0	0	0	0	5.8	0	0	0
219	260	440	545	0	6.3	0	697	707
0	0	0	0.67	0	6.3	0	0.69	0
0.45	0.54	0	1.5	0	7.7	0	1.5	1.7
0	0	0	0	0	6.5	0	0	0
2.7	4.1	0	0.36	0	6.4	0	0	0
0.89	0	0	0	0	5.6	0	0	0
0	0	0	0	0	5.7	0	0	0
0	0	0	0	0	6.8	0	0	0
0.82	0.67	0	2.0	0	6.6	0	1.9	1.8
0	0	0	0	0	15.4	0	0	0
1.5	0.56	0	1.0	0	6.5	0	0	0
3.4	1.0	1.5	7.5	0	7.5	0	11.0	11.4
0	0	0	0	0	13.2	0	0	0

0	0.80	0	0	0	0	10.1	0	0
0.48	1.3	0	0	0	0	9.2	0	0
1.5	1.7	0.99	0	0	0	24.0	0	0
0	0	0	0	0	0	4.7	0	0
0	0	0	0	0	0	15.0	0	0
0	0	0	0	0	0	4.4	0	0
0	0	0	0	0	0	8.5	0	0
0.74	0.76	0.32	0	0	0	9.9	0	0
1.4	1.1	0.56	0.28	0	0.46	6.0	0	0
0	0	0	0	0	0	0	0	0
0.22	0.12	0	0	0	0	5.4	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	5.1	0	0
4.1	1.1	0	0	0	0	5.3	0	0
0.20	0.34	0.17	0	0	0	10.8	0.07	0
0	0	0	0	0	0	10.5	0	0
0	0	0	0	0	0	6.2	0	0
0	0	0	0	0	0	10.5	0	0
0	0	0	0	0	0	5.5	0	0
5.7	0.70	0.65	0	0	0	6.1	0	0
0	0	0	0	0	0	6.1	0	0
797	342	68.1	14.5	2.0	0	6.1	0	1.8
0	0	0	0	0	0	6.2	0	0
1.9	1.2	0.54	0.32	0	0	7.3	0	0
0	0	0	0	0	0	6.2	0	0
0	6.5	0	0	0.92	0	6.2	0	0.57
0	0	0	0	0	0	5.3	0	0
0	0	0	0	0	0	5.3	0	0
0	0	0	0	0	0	6.4	0	0
4.0	1.8	0	0	0	0	6.2	0	0
0	0.77	0	0	0	0	15.2	0	0
0.57	2.1	1.2	0	0	0	6.0	0	0
14.1	9.4	13.4	2.4	0.79	0	7.0	0	1.1
0	1.1	0	0	0	0	12.4	0.15	0

0	0	0	0.75
0	0.59	0	1.5
0	0.84	0	1.9
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0.29	0	0.75
0	0.20	0	0.31
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0.69	1.7
0	0	0	0.62
0	0	0	0.24
0	0	0	0.41
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	1.0	0.46	0.69
0	0	0	0.70
0	0.33	0	0.54
0	0	0	0
0	1.8	0.74	1.8
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.80	1.0	1.1	1.0
0	0	0	0

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	Cross	Orig	Compound	CAS#	MW	
Propylene	1	53	Propylene	115-07-1	58.08	
Propane				74-98-6	44.097	
Dichlorodifluoromethane	3	26	Freon 12 (Dichlorodifluoromethane)	75-71-8	120.9	
Chloromethane	4	16	Chloromethane	74-87-3	50.49	
Isobutane				75-28-5	58.124	
Dichlorotetrafluoroethane				76-14-2	170.92	
Vinyl Chloride	7	71	Vinyl chloride	75-01-4	62.5	
1-Butene				106-98-9	56.108	
1,3-Butadiene				106-99-0	54.0916	
Butane	9	11	1,3-Butadiene	106-99-0	54.09	
trans-2-butene	10	12	n-Butane	106-97-8	58.12	
Ethylene oxide				75-21-8	44.052	
Bromomethane	13	10	Bromomethane	74-83-9	94.94	
cis-2-butene				590-18-1	56.11	
Chloroethane	15	14	Chloroethane	75-00-3	64.52	
Ethanol	16	38	Ethanol	64-17-5	46.07	
Vinyl Bromide	17	70	Bromoethene (Vinyl bromide)	593-60-2	106.9	
Acetonitrile	18	2	Acetonitrile	75-05-8	41	
Acrolein*				107-02-8	56.064	
Acetone	20	1	Acetone	67-64-1	58.08	
iso-Pentane				78-78-4	72.151	
Trichlorofluoromethane	22	64	Freon 11 (Trichlorofluoromethane)	75-69-4	137.4	
Isopropyl Alcohol	23	44	Isopropyl alcohol (2-Propanol)	67-30-0	60.1	
1-Pentene				109-67-1	70.135	
Acrylonitrile	25	3	Acrylonitrile	107-13-1	53	
n-Pentane				109-66-0	72.151	
Isoprene				1173018-86-4	69.11	
trans-2-pentene				646-04-8	70.13	
cis-2-pentene				627-20-3	70.13	
Tert-Butanol	30	55	Tertiary butyl alcohol (TBA)	75-65-0	74.12	
1,1-Dichloroethene	31	29	1,1-Dichloroethene	75-35-4	96.94	
Methylene Chloride	32	46	Methylene chloride	75-09-2	84.94	
3-Chloro-1-Propene	33	4	3-Chloropropene (Allyl chloride)	107-05-1	76.53	
1,1,2-Trichloro-1,2,2-trifluoroethane	34	65	Freon 113 (1,1,2-Trichloro-1,1,2-trifluoroethane)	76-13-1	187.4	
Carbon Disulfide	35	17	Carbon disulfide	75-15-0	76.14	
2,2-Dimethylbutane				75-83-2	86.178	
trans-1,2-Dichloroethene	37	31	1,2-Dichloroethene (trans)	156-60-65	96.94	
Cyclopentane				287-92-3	70.1	
2,3-Dimethylbutane				79-29-8	86.178	
1,1-Dichloroethane	40	27	1,1-Dichloroethane	75-34-3	98.96	

USEPA TO-15				NJDEP LLTO-15		
Target List	RL (ppbv)	RL (ug/m3)		Target List	RL (ppbv)	RL (ug/m3)
X	1	2.4				
X	0.5	2.5		X	0.2	1
X	0.5	1		X	0.2	0.4
X	0.5	1.3		X	0.2	0.5
X	0.5	1.1		X	0.2	0.4
X	0.5	1.2		X	0.2	0.5
X	0.5	1.9		X	0.2	0.8
X	0.5	1.3		X	0.2	0.5
X	0.5	0.9		X	0.5	0.9
X	0.5	2.2		X	0.2	0.9
X	0.5	0.8				
X	0.5	1.2		X	0.5	1.2
X	0.5	2.8		X	0.2	1.1
X	0.5	1.2		X	0.2	0.5
X	0.5	1.1				
X	0.5	1.5		X	0.2	0.6
X	0.5	2		X	0.2	0.8
X	0.5	1.7		X	0.2	0.7
X	0.5	1.6		X	0.2	0.6
X	0.5	3.8		X	0.2	1.5
X	0.5	1.6		X	0.2	0.6
X	0.5	2		X	0.2	0.8
X	0.5	2		X	0.2	0.8

Methyl-t-Butyl-Ether	41	51	Methyl-tert-butyl ether (MTBE)	1634-04-4	88.15	
Vinyl Acetate	42	69	Vinyl acetate	108-05-4	86	
2-Methylpentane				107-83-5	86.178	
2-Butanone	44	48	2-Butanone (MEK)	78-93-3	72.1	
3-Methylpentane				96-14-0	86.178	
2-Chloroprene				126-99-8	88.5365	
1-Hexene				592-41-6	84.162	
cis-1,2-Dichloroethene	48	30	1,2-Dichloroethene (cis)	156-59-2	96.94	
Diisopropyl ether				108-20-3	102.177	
Ethyl Acetate	50	37	Ethyl acetate	141-78-6	88.1	
n-Hexane	51	43	n-Hexane	110-54-3	86.17	
Chloroform	52	15	Chloroform	67-66-3	119.4	
Tetrahydrofuran	53	58	Tetrahydrofuran	109-99-9	72.11	
Ethyl Tert-Butyl Ether				637-92-3	102.18	
Methylcyclopentane				102014-58-4	136.64	
1,2-Dichloroethane				107-062	98.95	
2,4-Dimethylpentane				108-08-7	100.205	
1,1,1-Trichloroethane	58	61	1,1,1-Trichloroethane	71-55-6	133.4	
Benzene	59	5	Benzene	71-43-2	78.11	
Carbon Tetrachloride	60	18	Carbon tetrachloride	56-23-5	153.8	
Cyclohexane	61	20	Cyclohexane	110-82-7	84.16	
2-Methylhexane				591-76-4	100.205	
2,3-Dimethylpentane				565-59-3	100.205	
Tert Amyl Methyl Ether				994-05-8	102.177	
3-methylhexane				589-34-4	100.205	
1,2-Dichloropropane	66	32	1,2-Dichloropropane	78-87-5	113	
Ethyl acrylate				141-78-6	88.106	
Bromodichloromethane	68	7	Bromodichloromethane	75-27-4	163.8	
1,4-Dioxane	69	36	1,4-Dioxane	123-91-1	88.12	
Trichloroethene	70	63	Trichloroethene	79-01-6	131.4	
Isooctane	71	68	2,2,4-Trimethylpentane (Isooctane)	540-81-1	114.2	
Methyl Methacrylate	72	50	Methyl methacrylate	80-62-6	100.12	
Heptane	73	41	n-Heptane	142-82-5	100.2	
cis-1,3-Dichloropropene	74	33	1,3-Dichloropropene (cis)	542-75-6	111	
4-Methy-2-Pentanone	75	49	4-Methyl-2-pentanone (MIBK)	108-10-1	100.2	
Methylcyclohexane	77	34	1,3-Dichloropropene (trans)	10061-02-6	111	
trans-1,3-Dichloropropene	78	62	1,1,2-Trichloroethane	79-00-5	133.4	
1,1,2-Trichloroethane				79-00-5	133.4	
2,3,4-Trimethylpentane	80	59	Toluene	108-88-3	92.14	
Toluene				2037-26-5	100.19	
2-Methylheptane				592-27-8	114.232	
2-Hexanone	82	47	2-Hexanone (MBK)	591-78-6	100.1	
Dibromochloromethane	83	21	Dibromochloromethane	124-48-1	208.3	
3-Methylheptane				589-81-1	114.232	
1,2-Dibromoethane	85	22	1,2-Dibromoethane	106-93-4	187.8	

X	0.5	1.8		X	0.2	0.7
X	0.5	1.8				

X	0.5	1.5		X	0.2	0.6

X	0.5	2		X	0.2	0.8

X	0.5	1.8				
X	0.5	1.8		X	0.2	0.7
X	0.5	2.4		X	0.2	1
X	0.5	1.5		X	0.2	0.6

X	0.5	2.7		X	0.2	1.1
X	0.5	1.6		X	0.2	0.6
X	0.5	3.1		X	0.2	1.3
X	0.5	1.7		X	0.2	0.7

X	0.5	2.3		X	0.2	0.9

X	0.5	3.3		X	0.2	1.3
X	0.5	1.8		X	0.5	1.8
X	0.5	2.7		X	0.2	1.1
X	0.5	2.3		X	0.2	0.9
X	0.5	2		X	0.2	0.8
X	0.5	2		X	0.2	0.8
X	0.5	2.3		X	0.2	0.9
X	0.5	2		X	0.2	0.8
X	0.5	2.3		X	0.2	0.9
X	0.5	2.7		X	0.2	1.1

X	0.5	1.9		X	0.2	0.8

X	0.5	2				
X	0.5	4.3		X	0.2	1.7

X	0.5	3.8		X	0.2	1.5

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Octane	85	28	1,2-Dichloroethane	107-06-2	98.96	
Tetrachloroethene	87	57	Tetrachloroethene	127-18-4	165.8	
1,1,1,2-Tetrachloroethane				630-20-6	167.848	
Chlorobenzene	89	13	Chlorobenzene	108-90-7	112.6	
Ethylbenzene	90	39	Ethylbenzene	100-41-4	106.2	
m-Xylene	91	72	Xylene (para & meta)	1330-20-7	106.2	
p-Xylene	93	9	Bromoform	75-25-2	252.8	
Bromoform	94	54	Styrene	100-42-5	104.1	
Styrene	96	56	1,1,2,2-Tetrachloroethane	79-34-5	167.9	
Butyl Acrylate	97	73	Xylene (ortho)	95-47-6	106.2	
1,1,2,2-Tetrachloroethane				79-34-5	167.848	
o-Xylene				95-47-6	106.168	
Nonane				111-84-2	128.259	
a-pinene				80-56-8	136.238	
Cumene				92-82-8	120-195	
Chlorotoluenes				25168-05-2	126.586	
n-Propylbenzene				103-65-1	120.195	
m-Ethyltoluene				620-14-4	120.19	
1,3,5-Trimethylbenzene	104	67	1,3,5-Trimethylbenzene	108-67-8	120.2	
1,2,4-Trimethylbenzene	105	66	1,2,4-Trimethylbenzene	95-63-6	120.2	
Tert-Butyl Benzene				98-06-6	134.22	
b-pinene				127-91-3	136.238	
1-Ethyl-4-Methyl Benzene				622-96-8	120.1916	
o-Ethyltoluene				611-14-3	120.19	
1,3-Dichlorobenzene	110	24	1,3-Dichlorobenzene	541-73-1	147	
1,4-Dichlorobenzene	111	25	1,4-Dichlorobenzene	106-46-7	147	
n-Decane				124-18-5	142.286	
Sec-Butyl Benzene				135-98-8	134.22	
1,2,3-Trimethylbenzene				87-61-6	181.5	
1,2-Dichlorobenzene	115	23	1,2-Dichlorobenzene	95-50-1	147	
o-Cymene				527-84-4	134.22	
1,3-Diethylbenzene				141-93-5	134.22	
1,2-Diethylbenzene				135-01-3	134.22	
n-Butyl Benzene				104-51-8	134.222	
Undecane				1120-21-4	156.313	
1,2,4-Trichlorobenzene	121	60	1,2,4-Trichlorobenzene	120-82-1	181.5	
Naphthalene	122	52	Naphthalene	91-20-3	128.17	
Dodecane				112-40-3	170.34	
Hexachlorobutadiene	124	42	Hexachloro-1,3-butadiene	87-68-3	260.8	
	x	8	Bromoethane (Ethyl bromide)	74-96-4	108	
	x	19	2-Chlorotoluene	95-49-8	126.6	
	x	35	Freon 114 (1,2-Dichlorotetrafluoroethane)	76-14-2	170.9	
	108	40	4-Ethyltoluene	622-96-8	120.2	
		45	Isopropylbenzene (Cumene)	98-82-8	120.19	
		6	Benzyl chloride	100-44-7	126	

X	0.5	2		X	0.2	0.8
X	0.5	3.4		X	0.2	1.4

X	0.5	2.3		X	0.2	0.9
X	0.5	2.2		X	0.2	0.9
X	1	4.3		X	0.4	1.7
X	0.5	5.2		X	0.2	2.1
X	0.5	2.1		X	0.2	0.9
X	0.5	3.4		X	0.2	1.4
X	0.5	2.2		X	0.2	0.9

X	0.5	2.5		X	0.2	1
X	0.5	2.5		X	0.2	1

X	0.5	3		X	0.2	1.2
X	0.5	3		X	0.2	1.2

X	0.5	3		X	0.2	1.2

X	0.5	3.7		X	0.2	1.5
X	0.5	2.6				

X	0.5	5.3		X	0.2	2.1
X	0.5	2.2				
X	0.5	2.6		X	0.2	1
X	0.5	3.5		X	0.2	1.4
X	0.5	2.5		X	0.2	1
X	0.5	2.5				
X	0.5	2.6				