NY PFAS 2019 Sample TO15 Analysis

Note: Values are lab blank corrected. All values below MQL are zero. MQL=3*MDL. Values above cal range are"AC".

Analysis file name	
Sample name	
Can ID	
Analysis dilution factor	

041219004.D	041219006.D	
Ambient	Ambient dup	
744	744	
3.3	3.3	

041219007.D	041219011.D	041219013.D
System blank	Trip Blank	Field Blank
BTP1	RK8	o21
3.4	1.0	1.0

041519006.D	041519007.D	041519009.D
Sample 1	Sample 1dup	Sample 2
NP1	NP1	721
2.6	2.6	2.7

041519011.D	041519013.D	041519015.D
Sample 3	Sample 4	Sample 5
2504	A378	262
2.6	2.6	2.6

041519017.D	041619006.D	041619007.D
Sample 6	Sample 7	Sample 7dup
404	751	751
2.6	2.6	2.6

041619009.D	041619011.D	041619013.D
Sample 8	Sample 9	Sample 10
MTC48	700	2521
2.6	2.7	2.6

041619015.D	041619017.D	041719006.D
Sample 11	Sample 12	Sample 13
651	793	RK9
2.6	2.7	2.6

041719007.D	041719009.D	041719011.D
Sample 13dup	Sample 14	Sample 15
RK9	253	723
2.6	2.6	2.7

041719013.D	041219004.D
Sample 16	Ambient
321	744
2.9	

041219006.D	041219007.D	041219011.D
Ambient dup	System blank	Trip Blank
744	BTP1	RK8

041219013.D	041519006.D	041519007.D
Field Blank	Sample 1	Sample 1dup
o21	NP1	NP1

041519009.D	041519011.D	041519013.D
Sample 2	Sample 3	Sample 4
721	2504	A378

041519015.D	041519017.D	041619006.D
Sample 5	Sample 6	Sample 7
262	404	751

041619007.D	041619009.D	041619011.D
Sample 7dup	Sample 8	Sample 9
751	MTC48	700

041619013.D	041619015.D	041619017.D
Sample 10	Sample 11	Sample 12
2521	651	793

041719006.D	041719007.D	041719009.D
Sample 13	Sample 13dup	Sample 14
RK9	RK9	253

041719011.D	041719013.D
Sample 15	Sample 16
723	321

Target Compounds
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-trifluoroethane
Carbon Disulfide
2,2-Dimethylbutane
trans-1,2-Dichloroethene
Cyclopentane
2,3-Dimethylbutane
1,1-Dichloroethane
Methyl-t-Butyl-Ether
Vinyl Acetate
2-Methylpentane
2-Butanone
3-Methylpentane
2-Chloroprene

MDL ppbv	Conc. ppbv	Conc. ppbv
0.0071	19.590	15.661
0.0206	74.931	54.215
0.0040	0.400	0.332
0.0097	0.642	0.463
0.0044	0.518	0.284
0.0025	0.000	0.000
0.0061	0.000	0.000
0.0080	0.432	0.000
0.0099	0.000	0.000
0.0056	0.300	0.436
0.0085	0.000	0.000
0.0057	0.000	0.000
0.0143	0.000	0.000
0.0111	0.000	0.000
0.0090	666.286	586.754
0.0075	0.000	0.000
0.0239	0.000	0.000
0.0086	0.481	0.422
0.0038	5.152	4.839
0.0064	0.766	0.701
0.0028	0.236	0.250
0.0032	1.937	2.577
0.0243	0.000	0.000
0.0098	0.000	0.000
0.0046	0.839	0.717
0.0077	0.146	0.138
0.0062	0.000	0.000
0.0067	0.000	0.000
0.0051	0.195	0.163
0.0033	0.000	0.000
0.0038	0.085	0.068
0.0059	0.000	0.000
0.0024	0.048	0.061
0.0032	0.035	0.000
0.0054	0.000	0.000
0.0051	0.000	0.000
0.0108	0.000	0.110
0.0073	0.000	0.000
0.0047	0.000	0.000
0.0033	0.000	0.000
0.0000	0.000	0.000
0.0088	0.000	0.000
0.0209	9.433	14.192
0.0042	0.000	0.000
0.0056	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.469	0.000	0.688
1.437	0.000	1.813
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.245	0.000	0.000
0.000	0.000	0.000
0.090	0.000	0.040
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
76.358	0.000	136.533
0.000	0.000	0.000
0.000	0.000	0.000
0.329	0.034	0.076
0.000	0.000	0.000
0.000	0.000	0.033
0.000	0.000	0.000
0.463	0.000	0.436
0.000	0.000	0.000
0.000	0.000	0.000
0.081	0.000	0.058
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.153	0.029	0.070
0.852	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.046	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.548	0.000	0.127
0.000	0.000	0.000
0.000	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
17.065	18.011	196.929
59.407	63.470	699.781
0.397	0.380	0.477
0.555	0.635	0.648
0.815	0.965	8.412
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.380
0.000	0.000	0.125
0.744	0.639	1.385
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
1489.949	1455.377	2655.716
0.000	0.000	0.000
0.000	0.000	0.000
0.575	0.606	0.855
7.079	7.271	7.223
0.835	0.864	0.681
0.248	0.254	0.261
3.379	3.569	12.837
0.000	0.000	0.205
0.000	0.000	0.000
0.978	0.985	0.600
0.059	0.000	0.077
0.000	0.000	0.000
0.000	0.000	0.000
0.195	0.198	0.164
0.000	0.000	0.164
0.075	0.079	0.213
0.000	0.000	0.000
0.065	0.065	0.084
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.470
0.000	0.463	1.515
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.002
0.298	0.302	0.961
0.422	0.397	0.524
0.064	0.058	0.000
0.000	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
56.176	50.187	42.461
206.517	186.786	153.761
0.544	0.464	0.447
0.716	0.718	0.619
2.690	3.370	3.655
0.000	0.000	0.000
0.000	0.000	0.000
0.448	0.922	1.007
0.000	0.160	0.149
0.662	3.010	3.191
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	2709.907	2801.327
0.000	0.000	0.000
0.000	0.000	0.000
0.416	1.462	1.531
7.299	14.087	27.461
0.992	1.695	2.243
0.279	0.303	0.340
13.888	4.373	9.253
1.272	0.238	0.276
0.000	0.081	0.092
1.231	1.777	1.557
0.154	0.174	0.154
0.000	0.000	0.000
0.000	0.000	0.000
0.170	0.309	0.197
0.000	0.000	0.000
0.181	0.256	0.328
0.000	0.000	0.000
0.070	0.065	0.067
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.047
0.000	0.000	0.028
0.000	0.011	0.000
1.502	2.420	3.281
0.651	1.629	1.828
0.066	0.228	0.147
0.000	0.230	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
47.189	35.047	41.270
169.766	115.097	132.068
0.452	0.400	0.488
0.689	0.560	0.703
4.548	4.649	4.934
0.000	0.000	0.000
0.000	0.000	0.000
1.667	2.021	2.327
0.256	0.320	0.330
2.486	2.104	2.346
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
2437.416	3044.030	3205.265
0.000	0.000	0.000
0.233	1.489	1.682
1.523	2.798	2.964
21.706	31.963	33.086
2.490	3.044	3.180
0.366	0.328	0.323
8.288	19.412	18.214
0.232	0.425	0.618
0.132	0.141	0.153
2.100	2.190	2.323
0.179	0.172	0.169
0.000	0.056	0.068
0.000	0.000	0.057
0.243	0.451	0.465
0.000	0.000	0.000
0.211	0.334	0.368
0.000	0.000	0.000
0.068	0.068	0.072
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	2.385	2.299
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.012	0.011
2.837	1.688	1.721
2.479	2.933	3.056
0.168	0.265	0.225
0.000	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
50.447	48.026	46.979
162.608	162.964	162.500
0.474	0.499	0.481
0.809	0.872	0.900
5.708	5.563	4.665
0.000	0.000	0.000
0.000	0.000	0.000
5.226	5.526	2.490
0.588	0.519	0.283
1.471	1.431	0.781
0.000	0.184	0.112
0.000	0.000	0.000
0.000	0.000	4.732
0.000	0.000	0.000
2789.002	2512.732	0.000
0.000	0.000	0.000
0.831	0.525	0.470
3.713	4.140	2.532
55.965	30.110	22.119
4.118	2.850	2.401
0.297	0.272	0.266
14.417	31.348	14.266
0.582	0.426	0.419
0.188	0.100	0.151
2.396	2.061	2.446
0.230	0.326	0.269
0.102	0.125	0.058
0.092	0.087	0.000
0.886	0.451	0.299
0.000	0.000	0.000
0.225	0.133	0.188
0.050	0.000	0.000
0.064	0.072	0.075
0.000	0.000	0.106
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
1.386	0.793	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.011	0.010	0.004
0.879	0.506	0.262
7.440	10.552	6.273
0.432	1.471	0.693
0.000	0.072	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
32.616	21.827	24.913
121.401	74.770	83.834
0.000	0.476	0.407
0.844	0.706	0.586
4.566	4.037	3.841
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.373	0.563
0.000	0.094	0.090
0.000	0.745	1.632
0.000	0.000	0.000
0.000	0.425	0.000
0.000	0.000	0.000
0.000	0.000	0.000
2111.794	0.000	1872.572
0.000	0.000	0.000
0.000	0.358	0.000
1.724	2.244	1.034
15.224	6.924	11.312
1.517	0.961	1.806
0.243	0.252	0.275
21.982	2.565	9.068
0.281	0.239	0.212
0.080	0.000	0.088
1.207	0.750	1.837
0.171	0.078	0.067
0.000	0.000	0.000
0.000	0.000	0.000
0.254	0.131	0.278
0.000	0.000	0.000
0.125	1.256	0.159
0.000	0.000	0.000
0.073	0.076	0.075
0.000	0.000	0.035
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.252
0.312	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.002	0.001	0.003
0.211	0.087	0.106
4.905	2.205	2.259
0.195	0.094	0.105
0.000	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv
24.376	39.500	25.668
82.353	132.657	86.823
0.397	0.444	0.436
0.525	0.676	0.692
4.082	5.241	2.660
0.000	0.000	0.000
0.000	0.000	0.000
0.210	1.003	0.602
0.000	0.248	0.136
1.560	2.313	0.857
0.000	0.204	0.000
0.000	0.000	0.000
0.000	0.124	2.510
0.000	0.000	0.000
1842.068	2362.163	1202.546
0.000	0.000	0.000
0.000	0.321	0.000
0.924	1.570	0.977
10.288	15.484	6.118
1.735	2.912	1.145
0.262	0.248	0.250
8.893	19.753	6.048
0.237	0.329	0.602
0.081	0.166	0.246
1.810	2.686	1.541
0.065	0.346	0.068
0.000	0.088	0.000
0.000	0.055	0.000
0.244	0.265	0.143
0.000	0.000	0.109
0.152	0.151	0.125
0.000	0.000	0.000
0.069	0.077	0.067
0.029	0.000	0.000
0.000	0.057	0.000
0.000	0.000	0.000
0.222	0.419	0.175
0.000	0.469	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.003	0.003	0.000
0.000	0.306	0.000
2.139	1.832	1.451
0.133	0.186	0.050
0.000	0.000	0.000

Conc. ppbv	QC Code
40.402	
139.767	AC
0.439	
0.619	
3.210	
0.000	
0.000	
0.485	
0.104	
0.732	
0.104	
0.000	
0.000	
0.000	
1366.959	AC
0.000	
0.000	
0.961	
7.955	
1.527	
0.228	
19.309	
0.000	
0.113	
1.856	
0.256	
0.000	
0.000	
0.192	
0.000	
0.140	
0.000	
0.070	
0.048	
0.000	
0.000	
0.558	
0.000	
0.000	
0.000	
0.003	
0.282	
27.624	
0.114	
0.000	

QC Code	QC Code	QC Code
AC	AC	

QC Code	QC Code	QC Code
	AC	AC
AC	AC	AC

QC Code	QC Code	QC Code
AC		
AC	AC	AC
AC		AC

QC Code	QC Code	QC Code
AC	AC	AC
AC	AC	AC
		AC

QC Code	QC Code	QC Code
AC	AC	AC
AC	AC	AC
	AC	
AC	AC	AC

QC Code	QC Code	QC Code
AC	AC	AC
	AC	
AC	AC	

QC Code	QC Code	QC Code
AC	AC	AC
AC	AC	AC
		AC

QC Code	QC Code
AC	AC
AC	AC
	AC

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
Dibromochloromethane
3-Methylheptane
1,2-Dibromoethane
Octane
Tetrachloroethene
1,1,1,2-Tetrachloroethane
Chlorobenzene
Ethylbenzene
m-Xylene
p-Xylene
Bromoform
Styrene

0.0048	0.051	0.000
0.0054	0.000	0.000
0.0070	0.260	0.240
0.2039	0.000	0.000
0.0181	0.000	0.000
0.0039	0.000	0.000
0.0153	0.000	0.000
0.0050	0.000	0.000
0.0103	0.000	0.000
0.0060	0.000	0.000
0.0063	0.000	0.000
0.0035	0.000	0.000
0.0069	0.163	0.147
0.0013	0.052	0.054
0.0173	0.000	0.000
0.0045	0.123	0.101
0.0140	0.000	0.000
0.0033	0.000	0.000
0.0091	0.096	0.000
0.0239	0.000	0.000
0.3051	0.000	0.000
0.0053	0.000	0.000
0.1155	0.000	0.000
0.0052	0.108	0.105
0.0072	0.000	0.000
0.3857	0.000	0.000
0.0143	0.000	0.000
0.0056	0.000	0.000
0.2310	0.000	0.000
0.0033	0.000	0.000
0.0280	0.000	0.000
0.0081	0.000	0.000
0.0031	0.000	0.000
0.0183	62.699	64.256
0.0062	0.000	0.000
0.0058	0.000	0.000
0.0050	0.000	0.000
0.0108	0.000	0.000
0.0114	0.000	0.000
0.0065	0.000	0.000
0.0031	0.000	0.000
0.0088	0.000	0.000
0.0134	0.000	0.000
0.0141	0.000	0.195
0.0078	0.000	0.000
0.0049	0.000	0.000
0.0178	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.046
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.105	0.000	0.124
0.000	0.000	0.000
0.000	0.000	0.000
0.127	0.000	0.113
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000

0.000	0.040	0.071
0.000	0.000	0.000
2.443	2.495	4.209
13.025	13.215	23.981
0.000	0.000	0.447
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.112
0.000	0.000	0.000
0.180	0.194	0.322
0.000	0.000	0.000
0.123	0.124	0.194
0.067	0.071	0.074
0.000	0.000	0.000
2.388	2.399	4.553
0.862	0.910	1.716
0.000	0.000	0.000
2.394	2.421	4.832
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.073	0.079	0.068
0.000	0.000	0.000
0.000	0.000	0.000
0.245	0.264	0.547
0.000	0.000	0.000
4.197	4.251	16.146
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
42.202	43.038	6.873
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.078	0.097	0.065
0.000	0.000	0.000
0.000	0.000	0.000

0.000	1.650	0.378
0.000	9.703	0.000
2.441	5.789	6.688
13.031	32.680	37.034
0.639	1.382	1.612
0.032	0.042	0.049
0.000	0.623	0.000
0.000	0.000	0.000
0.000	0.000	0.280
0.000	0.000	0.000
0.184	0.670	0.867
0.000	0.000	0.000
0.135	0.186	0.214
0.088	0.097	0.101
0.000	0.000	0.000
2.471	9.729	12.424
0.896	3.300	4.122
0.000	0.537	0.528
2.572	10.348	12.940
0.000	0.430	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.131	0.165	0.195
0.000	0.000	0.061
0.000	0.000	0.000
0.338	1.223	1.418
0.000	0.000	0.000
10.240	22.232	23.193
0.000	0.232	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
2.074	1.557	1.083
0.000	0.116	0.125
0.000	0.000	0.000
0.000	0.081	0.092
0.000	0.000	0.000
0.000	0.198	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.129	0.000	0.000
0.126	0.130	0.129
0.000	0.000	0.000
0.000	0.000	0.000

0.116	0.558	0.599
0.000	0.000	0.000
4.039	8.057	8.251
21.586	44.180	44.323
1.491	1.107	1.144
0.055	0.045	0.047
0.000	0.180	0.000
0.000	0.000	0.000
0.207	0.342	0.326
0.000	0.000	0.000
0.509	1.075	1.086
0.000	0.000	0.000
0.427	0.948	0.978
0.114	0.103	0.101
0.000	0.293	0.281
7.179	15.770	15.837
2.494	5.004	5.063
0.000	0.000	0.000
7.394	15.977	16.116
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.274	0.231	0.233
0.075	0.128	0.122
0.000	0.000	0.000
0.844	1.775	1.806
0.000	0.000	0.000
14.437	29.855	30.077
0.160	0.353	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.035	0.000	0.000
1.764	2.072	2.098
0.201	0.274	0.310
0.000	0.000	0.000
0.171	0.155	0.276
0.000	0.000	0.000
0.136	0.116	0.119
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.173	0.180	0.150
0.000	0.000	0.000
0.000	0.000	0.000

0.219	0.189	0.129
0.000	0.000	0.000
4.609	2.345	2.222
25.932	12.404	11.556
0.633	0.380	0.930
0.035	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.240	0.194	0.097
0.000	0.000	0.000
0.373	0.136	0.088
0.000	0.000	0.000
1.449	1.039	0.928
0.086	0.065	0.075
0.000	0.000	0.000
6.429	3.498	2.491
1.963	0.674	0.504
0.000	0.000	0.000
5.877	1.865	1.479
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.202	0.305	0.211
0.101	0.085	0.000
0.000	0.000	0.000
0.721	0.281	0.228
0.000	0.000	0.000
20.026	11.253	10.320
0.181	0.096	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.032	0.000
1.346	6.313	13.656
0.380	0.375	0.145
0.000	0.000	0.000
0.313	0.328	0.000
0.000	0.000	0.000
0.093	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.184	0.000
0.112	0.309	0.000
0.144	0.167	0.096
0.000	0.000	0.000
0.000	0.000	0.000

0.075	0.060	0.067
0.000	0.000	0.000
1.216	1.404	1.630
6.365	7.467	8.256
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.088	0.000	0.128
0.000	0.000	0.000
0.054	0.000	0.204
0.000	0.000	0.000
0.330	0.391	0.377
0.063	0.079	0.069
0.000	0.000	0.000
1.391	0.467	2.315
0.295	0.182	0.908
0.000	0.000	0.000
0.731	0.561	2.410
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.135	0.075	0.091
0.000	0.000	0.000
0.000	0.000	0.000
0.117	0.000	0.261
0.000	0.000	0.000
5.412	7.539	4.712
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.039	0.000
1.811	20.947	3.265
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000

0.061	0.107	0.093
0.000	0.000	0.000
1.495	2.085	0.504
8.356	11.317	3.780
0.000	0.318	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.130	0.162	0.000
0.000	0.000	0.000
0.184	0.158	0.000
0.000	0.000	0.000
0.359	0.726	0.352
0.062	0.062	0.067
0.000	0.000	0.000
2.212	1.771	0.105
0.867	0.678	0.000
0.000	0.000	0.000
2.313	1.953	0.119
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.090	0.461	0.126
0.000	0.154	0.000
0.000	0.000	0.000
0.258	0.300	0.000
0.000	0.000	0.000
4.632	7.710	2.591
0.000	0.182	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.073	0.000
3.139	29.261	8.891
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.042	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.137	0.000
0.000	0.081	0.000
0.000	0.000	0.000
0.000	0.000	0.000

0.118
0.000
0.529
4.099
0.000
0.000
0.000
0.000
0.092
0.000
0.063
0.000
0.336
0.062
0.000
0.218
0.000
0.000
0.245
0.000
0.000
0.000
0.000
0.216
0.094
0.000
0.125
0.000
3.564
0.000
0.000
0.000
0.068
101.205
0.088
0.000
0.060
0.000
0.123
0.000
0.000
0.000
0.172
0.343
0.188
0.000
0.000

Butyl Acrylate
1,1,2,2-Tetrachloroethane
o-Xylene
Nonane
Cumene
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

0.2265	0.000	0.000
0.0076	0.000	0.000
0.0063	0.000	0.000
0.0049	0.000	0.000
0.0025	0.000	0.000
0.0042	0.555	0.545
0.0110	0.000	0.000
0.0043	0.000	0.000
0.0091	0.000	0.000
0.0043	0.000	0.000
0.0144	0.000	0.000
0.0085	0.000	0.000
0.0094	0.000	0.000
0.0117	0.000	0.000
0.0079	0.000	0.000
0.0040	0.000	0.000
0.0045	0.000	0.000
0.0094	0.000	0.000
0.0048	0.000	0.000
0.0094	0.000	0.000
0.0032	0.000	0.000
0.0063	0.000	0.000
0.0127	0.000	0.000
0.0125	0.000	0.000
0.0091	0.000	0.000
0.0078	0.080	0.000
0.0035	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.066	0.058	0.086
0.389	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.205
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.884	0.887	20.794
0.000	0.000	0.000
0.000	0.000	0.038
0.000	0.000	0.000
0.000	0.000	0.287
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.078
0.108	0.104	0.316
0.000	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.255	0.266	0.297
0.051	0.146	0.077
0.000	0.000	0.000
0.000	0.000	0.000
0.980	1.083	1.398
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.880	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
37.706	44.702	75.633
0.000	0.000	0.000
0.060	0.073	0.000
0.000	0.000	0.000
0.496	0.739	0.000
0.162	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.129	0.105	0.000
0.000	0.000	0.000
0.290	0.107	0.000
0.487	0.150	0.210
0.000	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.334	0.305	0.306
0.145	0.199	0.212
0.025	0.039	0.028
0.000	0.000	0.061
1.560	1.338	1.372
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.254	0.242
0.000	0.000	0.000
93.659	119.899	121.564
0.123	0.125	0.000
0.208	0.205	0.226
0.000	0.000	0.000
0.066	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.310	0.291	0.285
0.000	0.000	0.000
0.197	0.000	0.000
1.081	1.584	1.630
0.000	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.171	0.175	0.073
0.275	0.218	0.107
0.046	0.025	0.000
0.000	0.000	0.000
0.842	0.218	0.000
0.041	0.070	0.035
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.943	0.116	0.108
0.000	0.000	0.000
136.985	58.845	11.701
0.000	0.000	0.000
0.257	0.168	0.073
0.000	0.000	0.000
0.000	1.176	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.623	0.285	0.000
0.000	0.104	0.000
0.109	0.410	0.221
2.023	1.350	1.925
0.000	0.105	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.053	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
2.485	0.336	0.309
0.000	0.000	0.000
0.043	0.000	0.000
0.000	0.000	0.000
0.000	0.169	0.103
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.351	0.114	0.161
0.000	0.000	0.000

0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.066	0.000
0.000	0.038	0.000
0.000	0.000	0.000
0.000	0.000	0.141
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.174	0.079
0.000	0.000	0.000
0.000	0.044	0.000
0.000	0.000	0.000
0.000	0.322	0.135
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000
0.116	0.144	0.152
0.000	0.000	0.000

0.000
0.000
0.174
0.059
0.000
0.343
0.126
0.048
0.083
0.000
0.000
0.000
0.000
0.000
0.119
0.128
0.073
0.000
0.326
0.000
0.000
0.000
0.000
0.000
0.000
0.145
0.000

AC AC AC

AC AC AC

Cell: A32
Comment: Ingrid:
Recent contamination issues with 1-butene

PFAS 2019 Blank Certification TO15 Analysis

Note: Values >0.2 pbbv highlighted. Values are inst blank corrected. All values below MQL are zero. MQL=3*MDL.

Analysis file name	
Sample name	
Can ID	
Analysis dilution factor	

110618008.D	110618010.D	110818012.D	111318001.D	111318008.D	111318010.D
10151802	10091811	10041810	10041803	10041808	10041811
721	404	744	723	2504	BTP1
1	1	1	1	1	1

111318012.D	111318014.D	111418008.D	111418010.D	111418012.D	111418017.D	111418021.D	111518007.D
10041809	10041807	10091808	10091801	10091807	10151801	10091805	10041805
A378	2521	751	MTC48	723	o68	700	262
1	1	1	1	1	1	1	1

111518010.D	111618002.D	111618004.D	030719004.D	030719007.D
10091810	10151803	10091809	030419blankRK9	030419blank321
793	o21	RK8	321	RK9
1	1	1	1	1

Target Compounds
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-trifluoroethane
Carbon Disulfide
2,2-Dimethylbutane
trans-1,2-Dichloroethene
Cyclopentane
2,3-Dimethylbutane
1,1-Dichloroethane
Methyl-t-Butyl-Ether
Vinyl Acetate
2-Methylpentane
2-Butanone
3-Methylpentane
2-Chloroprene

MDL ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv
0.0070	0.000	0.000	0.000	0.000	0.000	0.000
0.0206	0.000	0.000	0.000	0.000	0.000	0.000
0.0037	0.000	0.000	0.000	0.000	0.000	0.000
0.0088	0.000	0.000	0.000	0.000	0.000	0.000
0.0042	0.000	0.000	0.000	0.000	0.000	0.000
0.0023	0.000	0.000	0.000	0.000	0.000	0.000
0.0058	0.000	0.000	0.000	0.000	0.000	0.000
0.0078	0.000	0.000	0.000	0.000	0.000	0.000
0.0116	0.000	0.000	0.000	0.000	0.000	0.000
0.0053	0.000	0.000	0.000	0.000	0.000	0.000
0.0083	0.000	0.000	0.000	0.000	0.000	0.000
0.0054	0.000	0.000	0.000	0.000	0.000	0.000
0.0132	0.000	0.000	0.000	0.000	0.000	0.000
0.0101	0.000	0.000	0.000	0.000	0.000	0.000
0.0074	0.082	0.072	0.000	0.000	0.077	0.000
0.0076	0.000	0.000	0.000	0.000	0.000	0.000
0.0214	0.000	0.000	0.000	0.000	0.000	0.941
0.0080	0.000	0.000	0.076	0.029	0.029	0.085
0.0042	0.063	0.072	0.135	0.084	0.086	0.070
0.0055	0.000	0.000	0.000	0.000	0.000	0.000
0.0026	0.000	0.000	0.000	0.000	0.000	0.000
0.0131	0.000	0.000	0.000	0.000	0.000	0.000
0.0203	0.000	0.000	0.000	0.000	0.000	0.000
0.0113	0.000	0.000	0.000	0.000	0.000	0.000
0.0041	0.000	0.000	0.000	0.000	0.000	0.000
0.0068	0.000	0.000	0.000	0.000	0.000	0.000
0.0055	0.000	0.000	0.000	0.000	0.000	0.000
0.0065	0.000	0.000	0.000	0.000	0.000	0.000
0.0045	0.037	0.043	0.030	0.032	0.043	0.000
0.0033	0.000	0.000	0.000	0.000	0.000	0.000
0.0036	0.000	0.000	0.000	0.000	0.000	0.000
0.0064	0.000	0.000	0.000	0.000	0.000	0.000
0.0023	0.000	0.000	0.000	0.000	0.000	0.000
0.0038	0.000	0.000	0.000	0.000	0.000	0.061
0.0049	0.000	0.000	0.000	0.000	0.000	0.000
0.0054	0.000	0.000	0.000	0.000	0.000	0.000
0.0100	0.000	0.000	0.000	0.000	0.000	0.000
0.0069	0.000	0.000	0.000	0.000	0.000	0.000
0.0040	0.000	0.000	0.000	0.000	0.000	0.000
0.0032	0.000	0.000	0.000	0.000	0.000	0.000
0.0078	0.043	0.033	0.031	0.037	0.000	0.212
0.0083	0.000	0.000	0.000	0.000	0.000	0.000
0.0265	0.000	0.000	0.000	0.083	0.000	0.119
0.0040	0.000	0.000	0.000	0.000	0.000	0.000
0.0052	0.000	0.000	0.000	0.000	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv
0.000	0.000	0.098	0.000	0.000	0.080	0.086	0.090
0.000	0.000	0.000	0.200	0.000	0.141	0.126	0.125
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.030	0.023	0.053
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.164	0.152	0.147	0.146	0.129	0.133
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.280	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.087	0.207	0.384	0.151	0.210	0.148	0.113	0.470
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.688	0.000	0.189	0.000	0.000	0.327
0.100	0.000	0.275	0.000	0.246	0.035	0.044	0.256
0.284	0.000	0.857	0.208	0.444	0.268	0.368	2.052
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.145
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.061
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.014	0.016	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.059	0.000	0.206	0.028	0.095	0.086	0.000	0.128
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.150	0.000	0.243	0.133	0.196	0.000	0.000	0.349
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv	Conc. ppbv
0.087	0.080	0.084	0.000	0.000
0.136	0.134	0.130	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.030	0.043	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.129	0.125	0.120	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.037	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.185	0.186	0.185	0.142	0.049
0.000	0.000	0.000	0.000	0.000
0.000	0.082	0.000	0.000	0.000
0.324	0.125	0.129	0.000	0.000
0.226	0.614	0.510	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.030	0.000	0.105	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.116	0.089	0.102	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.179	0.286	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000

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
Dibromochloromethane
3-Methylheptane
1,2-Dibromoethane
Octane
Tetrachloroethene
1,1,1,2-Tetrachloroethane
Chlorobenzene
Ethylbenzene
m-Xylene
p-Xylene
Bromoform
Styrene

0.0044	0.000	0.000	0.000	0.000	0.000	0.000
0.0050	0.000	0.000	0.000	0.000	0.000	0.000
0.0062	0.000	0.000	0.000	0.000	0.000	0.000
0.2082	0.000	0.000	0.000	0.000	0.000	0.000
0.0171	0.000	0.000	0.000	0.000	0.000	0.000
0.0035	0.000	0.000	0.000	0.000	0.000	0.000
0.0152	0.000	0.000	0.000	0.000	0.000	0.000
0.0045	0.000	0.000	0.000	0.000	0.000	0.000
0.0096	0.000	0.000	0.000	0.000	0.000	0.000
0.0054	0.000	0.000	0.000	0.000	0.000	0.000
0.0060	0.000	0.000	0.000	0.000	0.000	0.000
0.0031	0.000	0.000	0.000	0.000	0.000	0.000
0.0065	0.000	0.000	0.000	0.000	0.000	0.000
0.0012	0.000	0.000	0.000	0.000	0.000	0.000
0.0169	0.000	0.000	0.000	0.000	0.000	0.000
0.0043	0.000	0.000	0.000	0.000	0.000	0.000
0.0133	0.000	0.000	0.000	0.000	0.000	0.000
0.0031	0.000	0.000	0.000	0.000	0.000	0.000
0.0086	0.000	0.000	0.000	0.000	0.000	0.000
0.0216	0.000	0.000	0.000	0.000	0.000	0.000
0.2903	0.000	0.000	0.000	0.000	0.000	0.000
0.0050	0.000	0.000	0.000	0.000	0.000	0.000
0.1169	0.000	0.000	0.000	0.000	0.000	0.000
0.0050	0.000	0.000	0.000	0.000	0.000	0.000
0.0068	0.000	0.000	0.000	0.000	0.000	0.000
0.3499	0.000	0.000	0.000	0.000	0.000	0.000
0.0138	0.000	0.000	0.000	0.000	0.000	0.000
0.0055	0.000	0.000	0.000	0.000	0.000	0.000
0.2693	0.000	0.000	0.000	0.000	1.094	0.000
0.0032	0.000	0.000	0.000	0.020	0.049	0.000
0.0325	0.000	0.000	0.000	0.000	0.000	0.000
0.0072	0.000	0.000	0.000	0.000	0.000	0.000
0.0030	0.000	0.000	0.000	0.000	0.000	0.000
0.0172	0.000	0.000	0.000	0.000	0.000	0.000
0.0061	0.000	0.000	0.000	0.000	0.000	0.000
0.0058	0.000	0.000	0.000	0.000	0.000	0.000
0.0049	0.000	0.000	0.000	0.000	0.000	0.000
0.0103	0.000	0.000	0.000	0.000	0.000	0.000
0.0109	0.000	0.000	0.000	0.000	0.000	0.000
0.0057	0.000	0.000	0.000	0.000	0.000	0.000
0.0028	0.000	0.000	0.000	0.000	0.000	0.000
0.0079	0.000	0.000	0.000	0.000	0.000	0.000
0.0124	0.000	0.000	0.000	0.000	0.000	0.000
0.0132	0.000	0.000	0.000	0.000	0.000	0.000
0.0074	0.000	0.000	0.000	0.000	0.000	0.000
0.0049	0.000	0.000	0.000	0.000	0.000	0.000
0.0171	0.000	0.000	0.000	0.000	0.000	0.000

0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.649	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.379
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.056
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.010
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000

Butyl Acrylate
1,1,2,2-Tetrachloroethane
o-Xylene
Nonane
Cumene
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

0.2132	0.000	0.000	0.000	0.000	0.000	0.000
0.0069	0.000	0.000	0.000	0.000	0.000	0.000
0.0061	0.000	0.000	0.000	0.000	0.000	0.000
0.0048	0.000	0.000	0.000	0.000	0.000	0.000
0.0024	0.000	0.000	0.000	0.000	0.000	0.000
0.0042	0.000	0.000	0.000	0.000	0.000	0.000
0.0108	0.000	0.000	0.000	0.000	0.000	0.000
0.0041	0.000	0.000	0.000	0.000	0.000	0.000
0.0086	0.000	0.000	0.000	0.000	0.000	0.000
0.0039	0.000	0.000	0.000	0.000	0.000	0.000
0.0145	0.000	0.000	0.000	0.000	0.000	0.000
0.0083	0.000	0.000	0.000	0.000	0.000	0.000
0.0087	0.000	0.000	0.000	0.000	0.000	0.000
0.0110	0.000	0.000	0.000	0.000	0.000	0.000
0.0078	0.000	0.000	0.000	0.000	0.000	0.000
0.0037	0.000	0.000	0.000	0.000	0.000	0.000
0.0045	0.000	0.000	0.000	0.000	0.000	0.000
0.0088	0.000	0.000	0.000	0.000	0.000	0.000
0.0044	0.000	0.000	0.000	0.000	0.000	0.000
0.0097	0.000	0.000	0.000	0.000	0.000	0.000
0.0032	0.000	0.000	0.000	0.000	0.000	0.000
0.0056	0.000	0.000	0.000	0.000	0.000	0.000
0.0132	0.000	0.000	0.000	0.000	0.000	0.000
0.0068	0.000	0.000	0.000	0.000	0.000	0.000
0.0076	0.000	0.000	0.000	0.000	0.000	0.000
0.0073	0.000	0.069	0.078	0.026	0.000	0.000
0.0034	0.000	0.000	0.000	0.000	0.000	0.000

0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.087	0.000	0.041	0.000	0.000	0.037
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.051	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000
0.065	0.276	0.035	0.041	0.025
0.000	0.000	0.000	0.000	0.000

Cell: A32
Comment: Ingrid:
Recent contamination issues with 1-butene

PFAS 2019 TO15 Analysis QC Checks Daily cal.

File Name	041219003.D
Sample Name	1 ppb

Daily cal.	Daily cal.
041519003.D	041619003.D
1 ppb	1 ppb

Daily cal.	Lab blank
041719003.D	04121900
1 ppb	Batch Blan

Lab blank	Lab blank	Lab blank
041519005.D	041619005.D	041719005.D
batch blank 1	batch blank 1	batch blank 1

REPLICATE ANALYSIS (QA within 25%)

041219004.D	041219006.D
Ambient	Ambient dup

041519006.D	041519007.D
Sample 1	Sample 1dup

041619006.D	041619007.D
Sample 7	Sample 7dup

041719006.D	041719007.D
Sample 13	Sample 13dup

Target Compounds
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
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
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

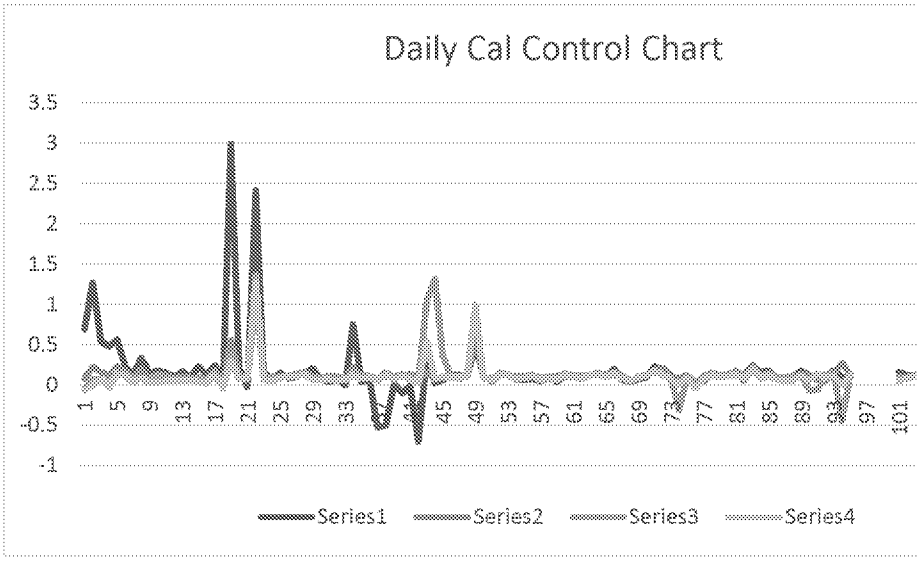
Nom. Conc. ppbv	Rel. Diff. %	Nom. Conc. ppbv	Rel. Diff. %
1.69	69%	1.08	8%
2.27	127%	1.22	22%
1.54	54%	1.15	15%
1.47	47%	1.12	12%
1.56	56%	1.23	23%
1.23	23%	1.16	16%
1.12	12%	1.08	8%
1.33	33%	1.19	19%
1.15	15%	1.08	8%
1.17	17%	1.13	13%
1.15	15%	1.11	11%
1.09	9%	1.07	7%
1.17	17%	1.10	10%
1.09	9%	1.09	9%
1.23	23%	1.04	4%
1.11	11%	1.08	8%
1.23	23%	1.17	17%
1.07	7%	1.02	2%
3.99	299%	1.56	56%
1.20	20%	1.11	11%
0.97	-3%	1.07	7%
3.42	242%	2.09	109%
1.16	16%	1.10	10%
1.06	6%	1.10	10%
1.15	15%	1.09	9%
1.08	8%	1.10	10%
1.10	10%	1.11	11%
1.14	14%	1.14	14%
1.20	20%	1.07	7%
1.08	8%	1.07	7%
1.04	4%	1.07	7%
1.07	7%	1.07	7%
1.00	0%	1.07	7%
1.75	75%	1.22	22%
1.04	4%	1.08	8%
1.06	6%	1.08	8%
0.47	-53%	1.08	8%
0.50	-50%	1.10	10%
1.01	1%	1.09	9%
0.89	-11%	1.10	10%
0.99	-1%	1.13	13%
0.29	-71%	1.08	8%
1.33	33%	1.16	16%

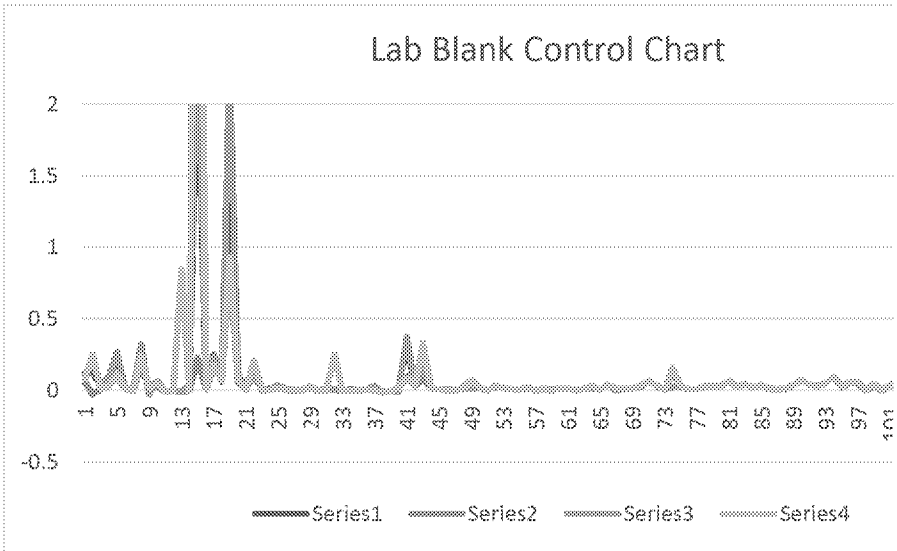
Nom. Conc. ppbv	Rel. Diff. %	Nom. Conc. ppbv	Rel. Diff. %
0.94	-6%	0.93	-7%
1.07	7%	1.00	0%
1.06	6%	1.07	7%
1.01	1%	0.97	-3%
1.17	17%	1.14	14%
1.14	14%	1.11	11%
1.06	6%	1.03	3%
1.10	10%	1.09	9%
1.05	5%	1.03	3%
1.12	12%	1.03	3%
1.07	7%	1.05	5%
1.09	9%	1.05	5%
1.05	5%	1.04	4%
1.07	7%	1.06	6%
1.09	9%	1.04	4%
1.05	5%	1.02	2%
1.17	17%	1.11	11%
0.99	-1%	0.95	-5%
1.36	36%	1.29	29%
1.09	9%	1.07	7%
1.09	9%	1.07	7%
2.36	136%	2.28	128%
1.10	10%	1.07	7%
1.07	7%	1.05	5%
1.10	10%	1.09	9%
1.11	11%	1.10	10%
1.13	13%	1.10	10%
1.16	16%	1.12	12%
1.09	9%	1.06	6%
1.08	8%	1.07	7%
1.11	11%	1.07	7%
1.10	10%	1.05	5%
1.08	8%	1.07	7%
1.16	16%	1.12	12%
1.11	11%	1.08	8%
1.11	11%	1.09	9%
1.07	7%	1.06	6%
1.15	15%	1.12	12%
1.10	10%	1.07	7%
1.13	13%	1.11	11%
1.09	9%	1.07	7%
1.04	4%	1.02	2%
2.04	104%	1.54	54%

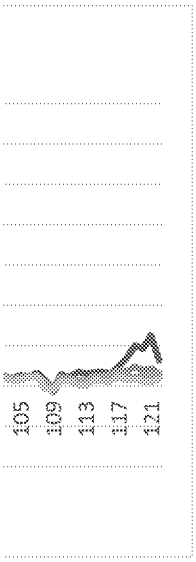
not LB corrected

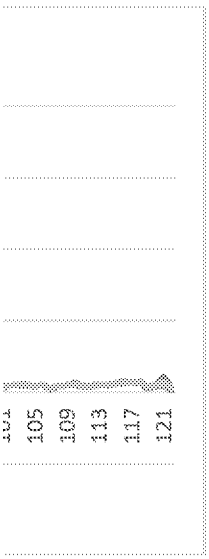
Conc. ppbv	Conc. ppbv	Conc. ppbv
0.24	0.12	0.20
0.14	0.00	0.22
0.03	0.00	0.02
0.09	0.05	0.12
0.26	0.11	0.29
0.01	0.01	0.01
0.00	0.00	0.00
0.22	0.19	0.34
0.00	0.00	0.00
0.07	0.04	0.07
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
2.76	0.26	3.19
0.00	0.00	0.00
0.28	0.17	0.26
0.07	0.09	0.09
1.56	0.84	2.18
0.10	0.07	0.14
0.01	0.00	0.01
0.03	0.04	0.03
0.00	0.00	0.00
0.00	0.00	0.00
0.03	0.00	0.04
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.02	0.03	0.03
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
0.00	0.00	0.00
0.01	0.01	0.00
0.00	0.00	0.00
0.03	0.03	0.03
0.16	0.07	0.16

Conc. ppbv
0.17
0.26
0.00
0.03
0.13
0.01
0.00
0.26
0.03
0.05
0.00
0.00
0.96
0.00
8.32
0.00
0.19
0.08
0.90
0.08
0.00
0.06
0.00
0.00
0.01
0.00
0.00
0.00
0.03
0.00
0.00
0.25
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.02
0.00
0.03
0.29









Nom. Conc. ppbv	Nom. Conc. ppbv	Rel. Diff. %
19.59	15.66	22%
74.93	54.21	32%
0.40	0.33	19%
0.64	0.46	32%
0.52	0.28	58%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.43	0.00	200%
0.00	0.00	#DIV/0!
0.30	0.44	-37%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
666.29	586.75	13%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.48	0.42	13%
5.15	4.84	6%
0.77	0.70	9%
0.24	0.25	-6%
1.94	2.58	-28%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.84	0.72	16%
0.15	0.14	5%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.19	0.16	18%
0.00	0.00	#DIV/0!
0.08	0.07	22%
0.00	0.00	#DIV/0!
0.05	0.06	-25%
0.04	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.11	-200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
9.43	14.19	-40%

Nom. Conc. ppbv	Nom. Conc. ppbv	Rel. Diff. %
17.06	18.01	-5%
59.41	63.47	-7%
0.40	0.38	4%
0.55	0.63	-13%
0.82	0.97	-17%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.74	0.64	15%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
1489.95	1455.38	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.57	0.61	-5%
7.08	7.27	-3%
0.84	0.86	-3%
0.25	0.25	-2%
3.38	3.57	-5%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.98	0.98	-1%
0.06	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.20	0.20	-1%
0.00	0.00	#DIV/0!
0.07	0.08	-5%
0.00	0.00	#DIV/0!
0.07	0.06	0%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.46	-200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.30	0.30	-1%
0.42	0.40	6%

Nom. Conc. ppbv	Nom. Conc. ppbv	Rel. Diff. %
35.05	41.27	-16%
115.10	132.07	-14%
0.40	0.49	-20%
0.56	0.70	-23%
4.65	4.93	-6%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
2.02	2.33	-14%
0.32	0.33	-3%
2.10	2.35	-11%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
3044.03	3205.26	-5%
0.00	0.00	#DIV/0!
1.49	1.68	-12%
2.80	2.96	-6%
31.96	33.09	-3%
3.04	3.18	-4%
0.33	0.32	1%
19.41	18.21	6%
0.42	0.62	-37%
0.14	0.15	-9%
2.19	2.32	-6%
0.17	0.17	2%
0.06	0.07	-20%
0.00	0.06	-200%
0.45	0.47	-3%
0.00	0.00	#DIV/0!
0.33	0.37	-10%
0.00	0.00	#DIV/0!
0.07	0.07	-6%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
2.39	2.30	4%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.01	0.01	5%
1.69	1.72	-2%
2.93	3.06	-4%

Nom. Conc. ppbv	Nom. Conc. ppbv	Rel. Diff. %
24.91	24.38	2%
83.83	82.35	2%
0.41	0.40	2%
0.59	0.53	11%
3.84	4.08	-6%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.56	0.21	91%
0.09	0.00	200%
1.63	1.56	4%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
1872.57	1842.07	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
1.03	0.92	11%
11.31	10.29	9%
1.81	1.73	4%
0.28	0.26	5%
9.07	8.89	2%
0.21	0.24	-11%
0.09	0.08	8%
1.84	1.81	1%
0.07	0.07	3%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.28	0.24	13%
0.00	0.00	#DIV/0!
0.16	0.15	4%
0.00	0.00	#DIV/0!
0.08	0.07	9%
0.03	0.03	19%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.25	0.22	13%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	11%
0.11	0.00	200%
2.26	2.14	5%

1.02	2%	1.07	7%
1.06	6%	1.10	10%
1.12	12%	1.11	11%
1.13	13%	1.08	8%
1.10	10%	1.10	10%
1.49	49%	1.56	56%
1.10	10%	1.09	9%
1.04	4%	1.07	7%
1.12	12%	1.13	13%
1.12	12%	1.12	12%
1.06	6%	1.08	8%
1.06	6%	1.09	9%
1.08	8%	1.11	11%
1.04	4%	1.08	8%
1.09	9%	1.10	10%
1.04	4%	1.10	10%
1.11	11%	1.13	13%
1.09	9%	1.12	12%
1.08	8%	1.11	11%
1.11	11%	1.11	11%
1.15	15%	1.14	14%
1.09	9%	1.12	12%
1.20	20%	1.13	13%
1.06	6%	1.12	12%
1.04	4%	1.05	5%
1.07	7%	1.10	10%
1.09	9%	1.11	11%
1.23	23%	1.18	18%
1.18	18%	1.20	20%
1.11	11%	1.09	9%
1.04	4%	1.08	8%
1.08	8%	1.12	12%
1.03	3%	1.03	3%
1.05	5%	1.08	8%
1.12	12%	1.13	13%
1.09	9%	1.10	10%
1.13	13%	1.12	12%
1.15	15%	1.17	17%
1.05	5%	1.11	11%
1.22	22%	1.24	24%
1.16	16%	1.10	10%
1.17	17%	1.14	14%
1.07	7%	1.10	10%
1.07	7%	1.09	9%
1.10	10%	1.10	10%
1.17	17%	1.13	13%
1.12	12%	1.12	12%

2.31	131%	1.08	8%
1.36	36%	1.10	10%
1.11	11%	1.08	8%
1.10	10%	1.09	9%
1.13	13%	1.09	9%
12.87		2.00	100%
1.09	9%	1.09	9%
1.07	7%	1.05	5%
1.15	15%	1.13	13%
1.12	12%	1.11	11%
1.10	10%	1.07	7%
1.11	11%	1.08	8%
1.12	12%	1.11	11%
1.07	7%	1.06	6%
1.10	10%	1.08	8%
1.08	8%	1.06	6%
1.14	14%	1.12	12%
1.11	11%	1.10	10%
1.11	11%	1.09	9%
1.11	11%	1.11	11%
1.15	15%	1.14	14%
1.10	10%	1.10	10%
1.13	13%	1.15	15%
1.11	11%	1.08	8%
1.06	6%	1.04	4%
1.08	8%	1.09	9%
1.12	12%	1.11	11%
1.16	16%	1.18	18%
1.13	13%	1.12	12%
1.09	9%	1.07	7%
0.69	-31%	1.01	1%
1.10	10%	1.08	8%
1.02	2%	0.96	-4%
1.10	10%	1.07	7%
1.15	15%	1.12	12%
1.12	12%	1.09	9%
1.13	13%	1.11	11%
1.15	15%	1.12	12%
1.10	10%	1.07	7%
1.22	22%	1.19	19%
1.12	12%	1.07	7%
1.14	14%	1.12	12%
1.09	9%	1.06	6%
1.10	10%	1.06	6%
1.10	10%	1.05	5%
1.13	13%	1.11	11%
0.93	-7%	1.06	6%

0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.02	0.02	0.02
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.02	0.00
0.00	0.00	0.00
0.02	0.00	0.02
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.01	0.01	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
0.06	0.06	0.06
0.00	0.00	0.00
0.07	0.07	0.07
0.00	0.00	0.00
0.00	0.00	0.00
0.03	0.03	0.03
0.00	0.00	0.00
0.00	0.00	0.00
0.03	0.03	0.03
0.06	0.06	0.06
0.03	0.03	0.03
0.04	0.04	0.04
0.03	0.02	0.02
0.05	0.05	0.05
0.00	0.00	0.00
0.04	0.04	0.04
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.08	0.08	0.07
0.15	0.15	0.15

0.01
0.00
0.00
0.00
0.02
0.00
0.00
0.00
0.00
0.02
0.00
0.00
0.02
0.00
0.00
0.00
0.00
0.00
0.00
0.01
0.03
0.00
0.00
0.00
0.00
0.00
0.06
0.00
0.07
0.00
0.00
0.03
0.00
0.00
0.03
0.06
0.03
0.04
0.02
0.05
0.00
0.04
0.00
0.00
0.00
0.08
0.15

0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.05	0.00	200%
0.00	0.00	#DIV/0!
0.26	0.24	8%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.16	0.15	10%
0.05	0.05	-3%
0.00	0.00	#DIV/0!
0.12	0.10	19%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.10	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.11	0.11	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
62.70	64.26	-2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.20	-200%

0.06	0.06	9%
0.00	0.00	#DIV/0!
0.00	0.04	-200%
0.00	0.00	#DIV/0!
2.44	2.49	-2%
13.02	13.21	-1%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.18	0.19	-7%
0.00	0.00	#DIV/0!
0.12	0.12	-1%
0.07	0.07	-5%
0.00	0.00	#DIV/0!
2.39	2.40	0%
0.86	0.91	-5%
0.00	0.00	#DIV/0!
2.39	2.42	-1%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.07	0.08	-8%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.25	0.26	-7%
0.00	0.00	#DIV/0!
4.20	4.25	-1%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
42.20	43.04	-2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!

0.27	0.23	16%
0.00	0.00	#DIV/0!
0.56	0.60	-7%
0.00	0.00	#DIV/0!
8.06	8.25	-2%
44.18	44.32	0%
1.11	1.14	-3%
0.05	0.05	-4%
0.18	0.00	200%
0.00	0.00	#DIV/0!
0.34	0.33	5%
0.00	0.00	#DIV/0!
1.08	1.09	-1%
0.00	0.00	#DIV/0!
0.95	0.98	-3%
0.10	0.10	1%
0.29	0.28	4%
15.77	15.84	0%
5.00	5.06	-1%
0.00	0.00	#DIV/0!
15.98	16.12	-1%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.23	0.23	-1%
0.13	0.12	5%
0.00	0.00	#DIV/0!
1.77	1.81	-2%
0.00	0.00	#DIV/0!
29.85	30.08	-1%
0.35	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
2.07	2.10	-1%
0.27	0.31	-12%
0.07	0.13	-56%
0.00	0.00	#DIV/0!
0.15	0.28	-56%
0.00	0.00	#DIV/0!
0.12	0.12	-3%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!

0.10	0.13	-23%
0.00	0.00	#DIV/0!
0.07	0.06	9%
0.00	0.00	#DIV/0!
1.63	1.50	9%
8.26	8.36	-1%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.13	0.13	-1%
0.00	0.00	#DIV/0!
0.20	0.18	11%
0.00	0.00	#DIV/0!
0.38	0.36	5%
0.07	0.06	11%
0.00	0.00	#DIV/0!
2.32	2.21	5%
0.91	0.87	5%
0.00	0.00	#DIV/0!
2.41	2.31	4%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.09	0.09	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.26	0.26	1%
0.00	0.00	#DIV/0!
4.71	4.63	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
3.26	3.14	4%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!

1.08	8%	1.06	6%
1.05	5%	1.12	12%
1.18	18%	1.14	14%
1.09	9%	1.27	27%
1.10	10%	1.13	13%
1.14		1.14	
1.19	19%	1.17	17%
1.12	12%	1.11	11%
1.15	15%	1.10	10%
1.12	12%	1.08	8%
1.12	12%	1.13	13%
1.10	10%	1.09	9%
1.13	13%	1.11	11%
1.12	12%	1.13	13%
1.16	16%	1.11	11%
1.07	7%	1.04	4%
0.97	-3%	0.98	-2%
1.14	14%	1.11	11%
1.10	10%	1.09	9%
1.18	18%	1.07	7%
1.15	15%	1.07	7%
1.16	16%	1.11	11%
1.17	17%	1.12	12%
1.15	15%	1.14	14%
1.23	23%	1.20	20%
1.34	34%	1.18	18%
1.50	50%	1.24	24%
1.46	46%	1.19	19%
1.62	62%	1.21	21%
1.32	32%	1.16	16%

0.94	-6%	1.14	14%
1.12	12%	1.09	9%
1.14	14%	1.11	11%
0.55	-45%	1.00	0%
1.14	14%	1.12	12%
1.14		1.12	
1.15	15%	1.13	13%
1.12	12%	1.10	10%
1.08	8%	1.05	5%
1.09	9%	1.08	8%
1.12	12%	1.09	9%
1.09	9%	1.06	6%
1.09	9%	1.07	7%
1.13	13%	1.10	10%
1.13	13%	1.12	12%
1.04	4%	0.96	-4%
0.92	-8%	0.96	-4%
1.10	10%	1.06	6%
1.08	8%	1.07	7%
1.07	7%	1.01	1%
1.04	4%	0.99	-1%
1.11	11%	1.07	7%
1.11	11%	1.06	6%
1.13	13%	1.05	5%
1.19	19%	1.12	12%
1.13	13%	1.07	7%
1.10	10%	1.09	9%
1.13	13%	1.05	5%
1.10	10%	1.04	4%
1.16	16%	1.09	9%

0.09	0.09	0.09
0.03	0.03	0.03
0.10	0.10	0.10
0.00	0.00	0.00
0.02	0.03	0.02
0.12	0.12	0.12
0.06	0.06	0.06
0.04	0.04	0.04
0.03	0.03	0.03
0.05	0.05	0.05
0.10	0.11	0.10
0.11	0.11	0.11
0.04	0.05	0.04
0.10	0.10	0.10
0.00	0.03	0.00
0.05	0.05	0.05
0.05	0.05	0.05
0.06	0.07	0.06
0.04	0.05	0.04
0.04	0.05	0.04
0.06	0.06	0.06
0.05	0.06	0.05
0.06	0.06	0.06
0.07	0.07	0.07
0.08	0.08	0.08
0.06	0.07	0.07
0.08	0.09	0.06
0.06	0.06	0.05
0.07	0.11	0.05
0.02	0.04	0.02

0.09
0.03
0.10
0.00
0.03
0.12
0.06

0.04

0.04
0.05
0.11
0.12
0.05
0.10
0.03
0.05
0.05
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0.05
0.05
0.06
0.06
0.06
0.07
0.08
0.07
0.09
0.06
0.07
0.04

0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.56	0.55	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.08	0.00	200%
0.00	0.00	#DIV/0!

0.08	0.10	-22%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.07	0.06	13%
0.39	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.88	0.89	0%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.11	0.10	4%
0.00	0.00	#DIV/0!

0.18	0.15	18%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.31	0.31	0%
0.20	0.21	-6%
0.00	0.00	#DIV/0!
0.04	0.03	33%
0.00	0.00	#DIV/0!
0.00	0.06	-200%
1.34	1.37	-3%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.25	0.24	5%
0.00	0.00	#DIV/0!
119.90	121.56	-1%
0.13	0.00	200%
0.21	0.23	-9%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.29	0.29	2%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
1.58	1.63	-3%
0.00	0.00	#DIV/0!

0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.31	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.10	0.00	200%
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.00	0.00	#DIV/0!
0.16	0.12	33%
0.00	0.00	#DIV/0!

PFAS 2019 Sample Target PFAS Analysis - FTOHs

Note: N.D. is not detected.

Analysis file name	041219004.D
Sample name	Ambient
Can ID	744
Analysis dilution factor	1.0

Target Compounds	Conc. ppbv
4:2 fluorotelomer alcohol	N.D.
6:2 fluorotelomer alcohol	N.D.
8:2 fluorotelomer alcohol	N.D.

PFAS 2019 Blank Target PFAS Analysis -FTOHs

Analysis file name	110818012.D
Sample name	10041810
Can ID	744
Analysis dilution factor	1

Target Compounds	Conc. ppbv
4:2 fluorotelomer alcohol	N.D.
6:2 fluorotelomer alcohol	N.D.
8:2 fluorotelomer alcohol	N.D.

041219006.D	041219007.D	041219011.D
Ambient dup	System blank	Trip Blank
744	BTP1	RK8 Trip Blank
1.0	1.0	
Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

	111318010.D	111618004.D
	10041811	10091809
	BTP1	RK8
	1	1
Conc. ppbv	Conc. ppbv	Conc. ppbv
	N.D.	N.D.
	N.D.	N.D.
	N.D.	N.D.

041219013.D	041519005.D	041519006.D
Field Blank	batch blank 1	Sample 1
"021" FB	"068"	NP1
1.0	1.0	2.6
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
0.01	N.D.	0.025614035
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

111618002.D	111418017.D	
10151803	10151801	
o21	o68	
1	1	
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
N.D.	N.D.	NA
N.D.	N.D.	NA
N.D.	N.D.	NA

041519007.D	041519009.D	041519011.D
Sample 1dup	Sample 2	Sample 3
NP1	721	2504
2.6	2.7	2.6
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
0.025614035	0.108	0.052920354
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

	110618008.D	111318008.D
	10151802	10041808
	721	2504
	1	1
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
	N.D.	N.D.
	N.D.	N.D.
	N.D.	N.D.

041519013.D	041519015.D	041519017.D
Sample 4	Sample 5	Sample 6
A378	262	404
2.6	2.6	2.6
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
0.262280702	0.288508772	0.156842105
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

111318012.D	111518007.D	110618010.D
10041809	10041805	10091811
A378	262	404
1	1	1
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

041619006.D	041619007.D	041619009.D
Sample 7	Sample 7dup	Sample 8
751	751	MTC48
2.6	2.6	2.6
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
0.448318584	0.501061947	0.078053097
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

111418008.D		111418010.D
10091808		10091801
751		MTC48
1		1
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
N.D.		N.D.
N.D.		N.D.
N.D.		N.D.

041619011.D	041619013.D	041619015.D
Sample 9	Sample 10	Sample 11
700	2521	651
2.7	2.6	2.6
Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

111418021.D	111318014.D	
10091805	10041807	
700	2521	
1	1	
Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	NA
N.D.	N.D.	NA
N.D.	N.D.	NA

041619017.D	041719006.D	041719007.D
Sample 12	Sample 13	Sample 13dup
793	RK9	RK9
2.7	2.6	2.6
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
N.D.	N.D.	0.05245614
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

111518010.D	030719007.D	
10091810	030419blank321	
793	RK9	
1	1	
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
N.D.	N.D.	
N.D.	N.D.	
N.D.	N.D.	

041719009.D	041719011.D	041719013.D
Sample 14	Sample 15	Sample 16
253	723	321
2.6	2.7	2.9
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
0.051304348	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

111418012.D	111318005.D	030719004.D
10091807	10041803	030419blankRK9
723	723	321
1	1	1
Conc.	Conc.	Conc.
ppbv	ppbv	ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

PFAS 2019 Sample Target PFAS Analysis - Ultravolatiles

Note: N.D. is not detected.

Analysis file name	040819_8.D
Sample name	Ambient
Can ID	744
Analysis dilution factor	3.3

Target Compounds	Conc. ppbv
TFE	0.030
HFP	0.035
E1	N.D.
E2	N.D.

PFAS 2019 Blank Target PFAS Analysis - Ultravolatiles

Analysis file name	030419_7
Sample name	BLANK 744
Can ID	can 744
Analysis dilution factor	1

Target Compounds	Conc. ppbv
TFE	0.01
HFP	N.D.
E1	N.D.
E2	N.D.

040819_9.D	040419_3.D	040419_5.D
System blank	batch blank 1	Sample 1
BTP1	"068"	NP1
3.4	1.0	2.6

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.054	N.D.	0.128
0.046	N.D.	0.077
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

112018_21	112118_35	030419_3
10041811	10151801	Blank NP1
can BTP1	can 68	can NP1
1	1	1

Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

040419_6.D	040419_7.D	040419_8.D
Sample 1dup	Sample 2	Sample 3
NP1	721	2504
2.6	2.7	2.6

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.077	0.054	0.026
0.051	0.054	0.053
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

	030419_4	030418_10	
	Blank 721	Blank 2504	
	can 721	can 2504	
	1		1

Conc. ppbv	Conc. ppbv
N.D.	N.D.
N.D.	N.D.
N.D.	N.D.
N.D.	N.D.

040419_9.D	040419_10.D	040419_11.D
Sample 4	Sample 5	Sample 6
A378	262	404
2.6	2.6	2.6

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.052	0.026	0.052
0.052	0.079	0.078
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

112018_30	112018_23	112018_24
10041809	10041805	10091811
can A378	can 262	can 404
1	1	1

Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

040419_12.D	040419_13.D	040419_14.D
Sample 7	Sample 8	Sample 9
751	MTC48	700
2.6	2.6	2.7

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.053	0.078	0.053
0.105	0.078	0.107
0.026	0.026	N.D.
N.D.	N.D.	N.D.

112018_27	112018_22	112118_29
10041810	10091801	10091810
can 751	can MTC48	can 700
1	1	1

Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

040419_15.D	040419_16.D	040819_3.D
Sample 10	Sample 11	Batch Blank 2
2521	651	"N1"
2.6	2.6	1.0

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.103	0.128	0.009
0.129	0.154	0.011
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

112118_31	030419_9	030419_13
10041807	Blank 651	Blank N1
can 2521	can 651	can N1
1	1	1

Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

040819_5.D	040819_6.D	040819_7.D
Trip Blank	Trip Blank dup	Field Blank
RK8 Trip Blank	RK8 Trip Blank	"021" FB
1.0	1.0	1.0
Conc. ppbv	Conc. ppbv	Conc. ppbv
0.036	0.022	0.008
0.025	0.016	0.014
0.011	N.D.	N.D.
N.D.	N.D.	N.D.

112018_17	112018_19
10091809	10151803
can RK8	can 021
1	1
Conc. ppbv	Conc. ppbv
N.D.	N.D.
N.D.	N.D.
N.D.	N.D.
N.D.	N.D.

041119_4.D	041119_5.D	041119_6.D
Batch Blank 2	Sample 12	Sample 12 dup
"N1"	793	793
1.0	2.7	2.7

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.220	0.566	0.566
0.040	0.189	0.135
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

030419_13	112018_29	10091810
Blank N1		
can N1	can 793	
1		1

Conc. ppbv	Conc. ppbv
N.D.	N.D.
N.D.	N.D.
N.D.	N.D.
N.D.	N.D.

041119_7.D	041119_8.D	041119_9.D
Sample 13	Sample 14	Sample 15
RK9	253	723
2.6	2.6	2.7

Conc. ppbv	Conc. ppbv	Conc. ppbv
0.525	0.513	0.324
0.184	0.154	0.135
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

030419_2	112118_34	030419_5
Blank RK9	10091807	Blank 723
can RK9	can 253	can 723
1	1	1

Conc. ppbv	Conc. ppbv	Conc. ppbv
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.
N.D.	N.D.	N.D.

041119_10.D

Sample 16

321

2.9

Conc. ppbv
0.544
0.172
N.D.
N.D.

030419_8

Blank 321

can 321

1

Conc. ppbv
N.D.
N.D.
N.D.
N.D.

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219005.D
Acq On : 12 Apr 2019 5:01 pm
Operator :
Sample : Ambient
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 column bleed.. Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	7.34 ppbv	265471	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	74
3	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	72
4	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
5	8-Methylisothiazolo[4,5-c]-2,1,3...	207	C8H5N3S2	074801-78-8	64

****

Peak Number 2 (istd) Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	13.83 ppbv	500092	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219008.D
Acq On : 12 Apr 2019 7:58 pm
Operator :
Sample : System blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.376	1.46 ppbv	47301	Chlorobenzene-d5	18.396

Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	No Hits From C:\Database\Wiley275.L	0			0

****

Peak Number 2 (istd)4 bromo-fluoro benzene Concentration Rank 3
Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.22 ppbv	461413	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	94
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	91
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219010.D
Acq On : 12 Apr 2019 9:57 pm
Operator :
Sample : Batch Blank 2
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 (istd) Benzene, 1-bromo-4-fluoro- ... Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	12.30 ppbv	390352	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	87

TOP_021319cal.M Thu Aug 22 10:32:15 2019

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219012.D
Acq On : 12 Apr 2019 11:54 pm
Operator :
Sample : Trip Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.365	1.31 ppbv	37676	Bromochloromethane	9.999

Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	No Hits From C:\Database\Wiley275.L	0			0

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	12.15 ppbv	362543	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	92
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	87
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	81

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219014.D
Acq On : 13 Apr 2019 1:51 am
Operator :
Sample : Field Blank
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

TARGET COMPOUND

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	181.07 ppbv	5580650	Bromochloromethane	9.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	13.85 ppbv	420317	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	90
2	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	90

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519008.D
Acq On : 16 Apr 2019 12:50 am
Operator :
Sample : Sample 1
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	13.41 ppbv	466121	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	91

TOP_021319cal.M Thu Aug 22 10:33:19 2019

Library Search Compound Report

TIC identified

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519010.D
Acq On : 16 Apr 2019 2:46 am
Operator :
Sample : Sample 2
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.236	20.76 ppbv	1787270	Bromochloromethane	9.989

Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	No Hits From C:\Database\Wiley275.L	0			0

****

Peak Number 2 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

TARGET COMPOUND

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	741.24 ppbv	63823900	Bromochloromethane	9.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

PFAS 2019 Chemstation Library Search

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519012.D
Acq On : 16 Apr 2019 4:43 am
Operator :
Sample : Sample 3
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Nonane (CAS) $$ n-Nonane $$... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.544	5.13 ppbv	181772	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	80
2	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	53
3	Octane (CAS) $$ n-Octane $$ Octa...	114	C8H18	000111-65-9	50
4	Heptane, 2,3-dimethyl- (CAS) $$ ...	128	C9H20	003074-71-3	50
5	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	47

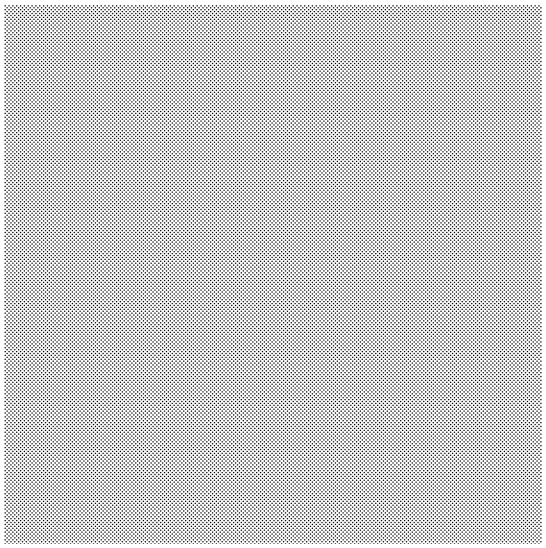
****

Peak Number 2 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	15.48 ppbv	548279	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519014.D
Acq On : 16 Apr 2019 6:39 am
Operator :
Sample : Sample 4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	707.66 ppbv	84091600	Bromochloromethane	9.999

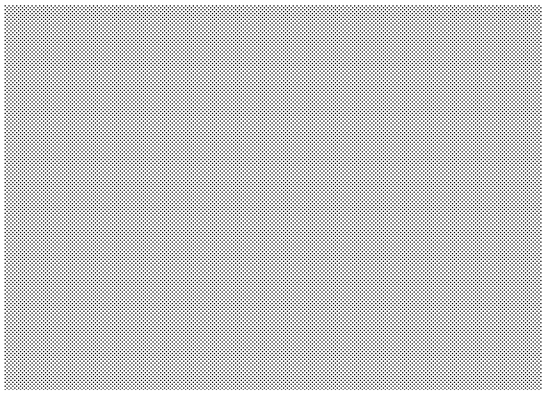
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72
4	Methane, nitroso- (CAS) $$ Nitro...	45	CH3NO	000865-40-7	36
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	16

****

Peak Number 2 Heptane, 2,4-dimethyl- (CAS... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	17.95 ppbv	673238	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	83
2	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	78



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519016.D
Acq On : 16 Apr 2019 8:51 am
Operator :
Sample : Sample 5
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.900	194.33 ppbv	67616000	Bromochloromethane	9.979

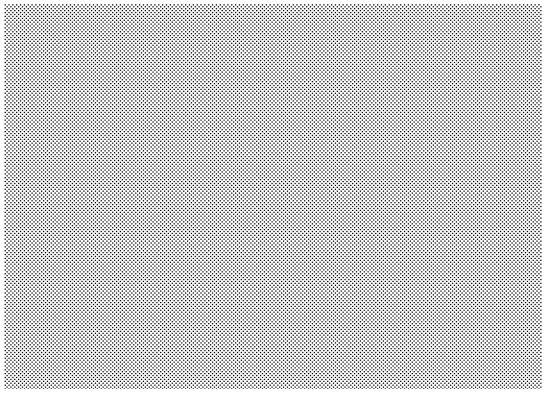
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 2 .GAMMA. TERPINENE Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.238	0.63 ppbv	147927	Chlorobenzene-d5	18.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.GAMMA. TERPINENE	136	C10H16	000099-85-4	87
2	.beta.-Phellandrene $$ Cyclohexe...	136	C10H16	000555-10-2	76



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519018.D
Acq On : 16 Apr 2019 10:48 am
Operator :
Sample : Sample 6
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	660.64 ppbv	57552000	Bromochloromethane	9.999

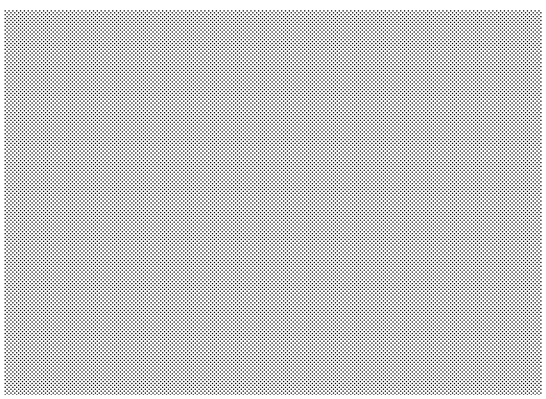
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 Heptane, 2,4-dimethyl- (CAS... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	33.35 ppbv	1232430	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	86
2	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	78



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619008.D
Acq On : 17 Apr 2019 1:15 am
Operator :
Sample : Sample 7
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	729.69 ppbv	102597000	Bromochloromethane	9.989

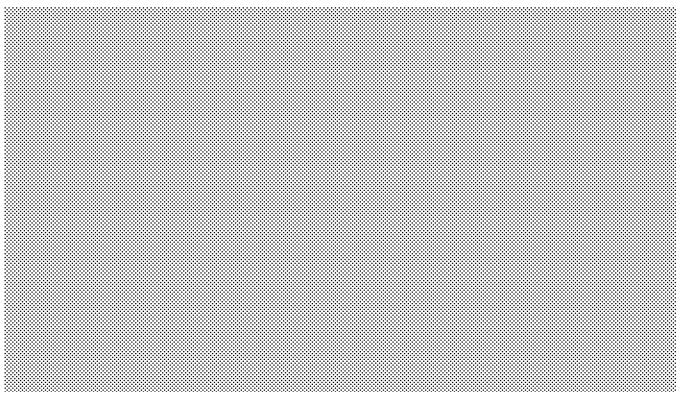
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 2 Nonane (CAS) $$ n-Nonane $$... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	32.19 ppbv	1130520	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane (CAS) $$ n-Nonane $$ Shel...	128	C9H20	000111-84-2	72
2	Ether, hexyl pentyl (CAS) $$ Hex...	172	C11H24O	032357-83-8	64



Library Search Compound Report

TIC identidied

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Data File : 041619010.D
Acq On : 17 Apr 2019 3:15 am
Operator :
Sample : Sample 8
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	781.91 ppbv	67845000	Bromochloromethane	9.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	72

****

Peak Number 2 column bleed Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.831	4.80 ppbv	166979	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619012.D
Acq On : 17 Apr 2019 5:14 am
Operator :
Sample : Sample 9
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 BUTANAL $$ BUTYRALDEHYDE Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.306	1.73 ppbv	95048	Bromochloromethane	9.999

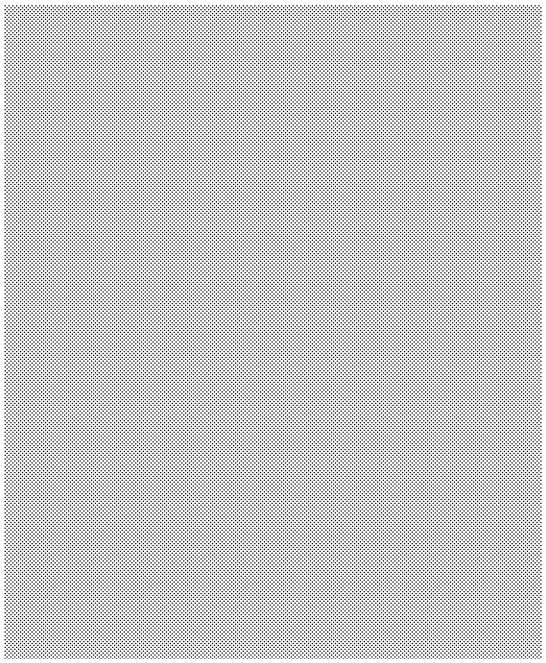
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	BUTANAL $$ BUTYRALDEHYDE	72	C4H8O	000123-72-8	74
2	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	52
3	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	50
4	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	50
5	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	47

****

Peak Number 2 Column bleed. Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	5.27 ppbv	168533	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	83
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83



Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619014.D
Acq On : 17 Apr 2019 7:14 am
Operator :
Sample : Sample 10
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	852.59 ppbv	45794800	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	16.07 ppbv	478165	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619016.D
Acq On : 17 Apr 2019 9:16 am
Operator :
Sample : Sample 11
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	778.34 ppbv	30987000	Bromochloromethane	10.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.82 ppbv	409563	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	91

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619018.D
Acq On : 17 Apr 2019 11:15 am
Operator :
Sample : Sample 12
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Column bleed Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	2.30 ppbv	63122	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	56
4	1-METHYLALLYL(CYCLOOCTATETRAENE)...	207	C12H15Ti	000000-00-0	53
5	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	50

****

Peak Number 2 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 3

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	15.11 ppbv	415438	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
2	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	91

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719008.D
Acq On : 17 Apr 2019 10:32 pm
Operator :
Sample : Sample 13
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Benzene, 1-bromo-4-fluoro- ... Concentration Rank 4

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.46 ppbv	391646	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	90
5	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	87

TOP_021319cal.M Thu Aug 22 12:06:34 2019

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719010.D
Acq On : 18 Apr 2019 12:31 am
Operator :
Sample : Sample 14
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.890	826.95 ppbv	37800500	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	90
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	83
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

****

Peak Number 2 1-Propanol (CAS) $$ Propano... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	1.75 ppbv	79870	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol (CAS) $$ Propanol $$ ...	60	C3H8O	000071-23-8	80
2	1-Propanol (CAS) $$ Propanol $$ ...	60	C3H8O	000071-23-8	72

Library Search Compound Report

No TIC's found

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719012.D
Acq On : 18 Apr 2019 2:30 am
Operator :
Sample : Sample 15
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

****

Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	493.55 ppbv	14165200	Bromochloromethane	9.999

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

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Peak Number 2 Column bleed Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	6.69 ppbv	185012	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	86
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78

Library Search Compound Report

TIC identidied

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719014.D
Acq On : 18 Apr 2019 4:32 am
Operator :
Sample : Sample 16
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\TOP_021319cal.M
Quant Title : TO15-PAMS

TIC Library : C:\Database\Wiley275.L
TIC Integration Parameters: rteint.p

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Peak Number 1 Ethanol (CAS) $$ Ethyl alco... Concentration Rank 1

Target Compound

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	585.79 ppbv	16259300	Bromochloromethane	10.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
2	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	86
3	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
4	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78
5	Ethanol (CAS) $$ Ethyl alcohol $...	46	C2H6O	000064-17-5	78

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Peak Number 2 Cyclotrisiloxane, hexamethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.841	13.27 ppbv	397226	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	90

3 4 bromo-fluoro benzene 174 C6H4BrF 000000-00-0 86
4 Benzene, 1-bromo-3-fluoro- (CAS)... 174 C6H4BrF 001073-06-9 83
5 Benzene, 1-bromo-4-fluoro- (CAS)... 174 C6H4BrF 000460-00-4 83

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Peak Number 3 Pentasiloxane, dodecamethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	2.29 ppbv	82850	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl- (CA...	384	C12H36O4Si5	000141-63-9	78
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
5	6-HYDROXYWARFARIN $$ 2H-1-Benzop...	324	C19H16O5	017834-02-5	53

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3	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1 86
4	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4 81
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9 76

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Peak Number 3 Butanal (CAS) $$ n-Butanal ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.296	1.09 ppbv	93519	Bromochloromethane	9.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	72
2	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	47
3	Butanal (CAS) $$ n-Butanal $$ Bu...	72	C4H8O	000123-72-8	47
4	Pentanedial (CAS) $$ Glutaraldeh...	100	C5H8O2	000111-30-8	45
5	1-Hexyn-3-ol (CAS) $$ 1-Hexyne-3...	98	C6H10O	000105-31-7	38

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Peak Number 4 column bleed Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.831	2.72 ppbv	101958	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	90
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	83
3	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	78
4	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72
5	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	72

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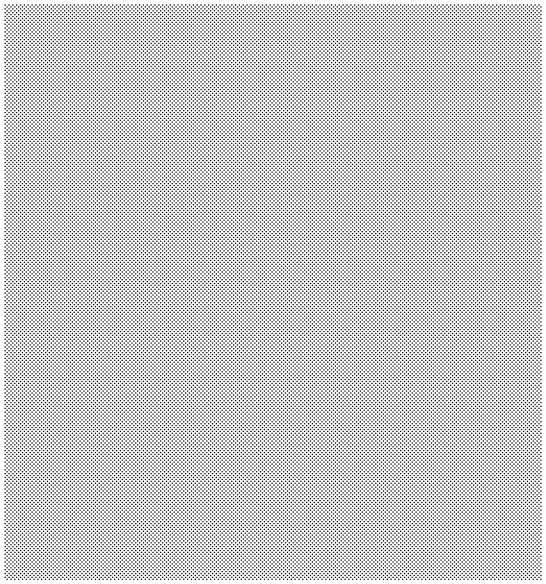
Peak Number 5 (istd) Benzene, 1-bromo-4-fluoro- ... Concentration Rank 4

Internal std

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	14.56 ppbv	545584	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	94
2	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	91
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	87
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	86



3 Benzene, 1-bromo-4-fluoro- (CAS)... 174 C6H4BrF 000460-00-4 87
4 Benzene, 1-bromo-2-fluoro- (CAS)... 174 C6H4BrF 001072-85-1 83
5 4 bromo-fluoro benzene 174 C6H4BrF 000000-00-0 58

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Peak Number 3 .DELTA.3-Carene $$ Bicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.901	3.56 ppbv	126161	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	87
2	Pyridine, 4-methyl- (CAS) $$ .ga...	93	C6H7N	000108-89-4	70
3	4-METHYLPYRIDINE	93	C6H7N	000000-00-0	70
4	Pyridine, 4-methyl- (CAS) $$ .ga...	93	C6H7N	000108-89-4	70
5	Pyridine, 4-methyl- (CAS) $$ .ga...	93	C6H7N	000108-89-4	70

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Peak Number 4 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	8.48 ppbv	300511	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	93
2	.gamma.-TERPINENE	136	C10H16	000099-85-4	87
3	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	87
4	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	80
5	CIS-OCIMENE	136	C10H16	027400-71-1	72

****

Peak Number 5 LIMONENE Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.189	5.00 ppbv	177267	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	LIMONENE	136	C10H16	000138-86-3	92

3 Octane (CAS) $$ n-Octane $$ Octa... 114 C8H18 000111-65-9 64
4 Heptane, 2,4,6-trimethyl- $$ 2,4... 142 C10H22 002613-61-8 64
5 Octane (CAS) $$ n-Octane $$ Octa... 114 C8H18 000111-65-9 64

****

Peak Number 3 TRANS-.BETA.-OCIMENE Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.356	1.39 ppbv	52272	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TRANS-.BETA.-OCIMENE	136	C10H16	003779-61-1	78
2	CIS-OCIMENE	136	C10H16	027400-71-1	72
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	72
4	.alpha.-PINENE	136	C10H16	000080-56-8	64
5	.BETA.-OCIMENE	136	C10H16	013877-91-3	64

****

Peak Number 4 CIS-OCIMENE Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	8.11 ppbv	304157	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CIS-OCIMENE	136	C10H16	027400-71-1	87
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	81
3	.gamma.-terpinene	136	C10H16	000099-85-4	76
4	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	76
5	TRANS-.BETA.-OCIMENE	136	C10H16	003779-61-1	72

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3 1,3,7-OCTATRIENE, 3,7-DIMETHYL- 136 C10H16 000502-99-8 76
4 1,3,6-Octatriene, 3,7-dimethyl-,... 136 C10H16 003779-61-1 76
5 TRANS-OCIMENE 136 C10H16 027400-72-2 76

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Peak Number 3 column bleed Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	0.84 ppbv	196986	Chlorobenzene-d5	18.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl- (CA...	384	C12H36O4Si5	000141-63-9	80
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	72
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	64
5	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	64

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3 Heptane, 2,3-dimethyl- (CAS) $$ ... 128 C9H20 003074-71-3 72
4 Octane (CAS) $$ n-Octane $$ Octa... 114 C8H18 000111-65-9 72
5 Nonane (CAS) $$ n-Nonane $$ Shel... 128 C9H20 000111-84-2 72

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Peak Number 3 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	6.34 ppbv	234420	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	94
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	94
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	93
4	.gamma.-Terpinene $$ 1,4-Cyclohe...	136	C10H16	000099-85-4	87
5	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	87

****
Peak Number 4 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	143.10 ppbv	5287630	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	78
2	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	72
3	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	72
4	Pentane, 2,2,4,4-tetramethyl- (C...	128	C9H20	001070-87-7	59
5	Pentane, 2,2,4-trimethyl- (CAS) ...	114	C8H18	000540-84-1	53

****
Peak Number 5 1,3-Pentadiene, (Z)- (CAS) ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.179	5.10 ppbv	188307	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, (Z)- (CAS) $$ ci...	68	C5H8	001574-41-0	81

3 Heptane, 2,4-dimethyl- (CAS) $$ ... 128 C9H20 002213-23-2 64
4 Octane (CAS) $$ n-Octane $$ Octa... 114 C8H18 000111-65-9 64
5 Octane, 4-methyl- (CAS) $$ 4-Met... 128 C9H20 002216-34-4 64

****
Peak Number 3 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	5.40 ppbv	189682	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	87
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	74
3	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	74
4	.BETA.-OCIMENE-X $$ 1,3,6-Octatr...	136	C10H16	013877-91-3	70
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-27-5	52

****
Peak Number 4 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	187.39 ppbv	6581420	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	83
2	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	78
3	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	78
4	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	50
5	Butane, 2,2,3,3-tetramethyl- (CA...	114	C8H18	000594-82-1	50

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Peak Number 5 dl-Limonene $$ Cyclohexene,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.189	3.43 ppbv	120361	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	86

3 Cyclotrisiloxane, hexamethyl- (C... 222 C6H18O3Si3 000541-05-9 83
4 N-ethyl-1,3-dithioisoindoline $$... 207 C10H9NS2 035373-06-9 78
5 Cyclotrisiloxane, hexamethyl- (C... 222 C6H18O3Si3 000541-05-9 72

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Peak Number 3 Octane, 4-methyl- (CAS) $$ ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.535	11.13 ppbv	387439	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl- (CAS) $$ 4-Met...	128	C9H20	002216-34-4	86
2	Nonane, 4,5-dimethyl- (CAS) $$ 4...	156	C11H24	017302-23-7	78
3	Hexane, 3-ethyl- (CAS) $$ 3-Ethy...	114	C8H18	000619-99-8	72
4	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	64
5	Pentane, 3-ethyl-2,4-dimethyl- (...	128	C9H20	001068-87-7	64

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Peak Number 4 .gamma.-terpinene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.891	4.34 ppbv	151130	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-terpinene	136	C10H16	000099-85-4	93
2	.gamma.-terpinene	136	C10H16	000099-85-4	91
3	.gamma.-Terpinene $$ 1,4-Cyclohe...	136	C10H16	000099-85-4	87
4	.GAMMA.-TERPINENE	136	C10H16	000099-85-4	87
5	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	87

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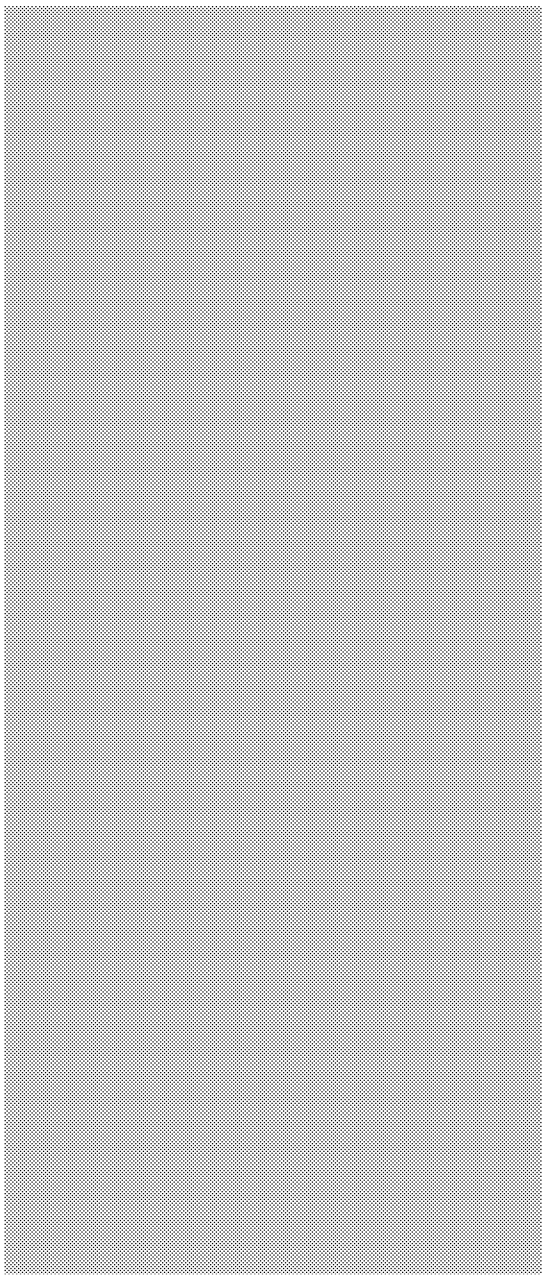
Peak Number 5 Column bleed Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	3.66 ppbv	127602	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86



3 Cyclotrisiloxane, hexamethyl- (C... 222 C6H18O3Si3 000541-05-9 78
4 1,3-dimethyl-4-azaphenanthrene 207 C15H13N 000000-00-0 64
5 Arsenous acid, tris(trimethylsil... 342 C9H27AsO3Si3 055429-29-3 64

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Peak Number 3 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.188	15.86 ppbv	506986	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	93
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93

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Peak Number 4 TRANS-.BETA.-OCIMENE Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	3.03 ppbv	96701	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TRANS-.BETA.-OCIMENE	136	C10H16	003779-61-1	93
2	CIS-OCIMENE	136	C10H16	027400-71-1	93
3	(+)-3-CARENE	136	C10H16	000000-00-0	87
4	.DELTA.3-Carene $$ Bicyclo[4.1.0...	136	C10H16	013466-78-9	87
5	.BETA.-OCIMENE	136	C10H16	013877-91-3	86

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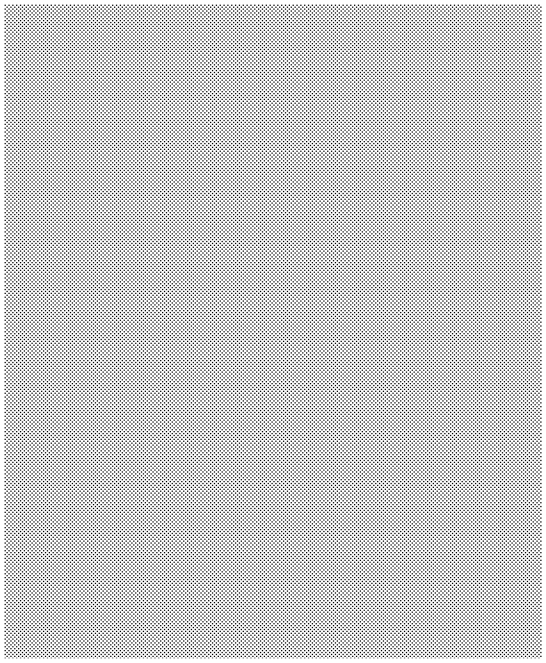
Peak Number 5 column bleed. Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	7.69 ppbv	245690	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91



3 4 bromo-fluoro benzene 174 C6H4BrF 000000-00-0 90
4 Benzene, 1-bromo-4-fluoro- (CAS)... 174 C6H4BrF 000460-00-4 90
5 Benzene, 1-bromo-3-fluoro- (CAS)... 174 C6H4BrF 001073-06-9 90

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Peak Number 3 Camphene $$ Bicyclo[2.2.1]h... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.792	1.81 ppbv	53903	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene $$ Bicyclo[2.2.1]heptan...	136	C10H16	000079-92-5	81
2	CAMPHENE	136	C10H16	000079-92-5	74
3	Camphene $$ Bicyclo[2.2.1]heptan...	136	C10H16	000079-92-5	74
4	Camphene $$ Bicyclo[2.2.1]heptan...	136	C10H16	000079-92-5	74
5	CAMPHENE	136	C10H16	000079-92-5	74

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Peak Number 4 .ALPHA.-PINENE $$ DIHYDRO-p... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.723	3.08 ppbv	91659	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	91
2	.gamma.-TERPINENE	136	C10H16	000099-85-4	90
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	90
4	Sabinene $$ Bicyclo[3.1.0]hexane...	136	C10H16	003387-41-5	90
5	SABINENE	136	C10H16	003387-41-5	90

****
Peak Number 5 Heptane, 2,4-dimethyl- (CAS... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.308	3.35 ppbv	99545	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl- (CAS) $$ ...	128	C9H20	002213-23-2	80

3 Benzene, 1-bromo-4-fluoro- (CAS)... 174 C6H4BrF 000460-00-4 91
4 Benzene, 1-bromo-2-fluoro- (CAS)... 174 C6H4BrF 001072-85-1 80
5 Benzene, 1-bromo-2-fluoro- (CAS)... 174 C6H4BrF 001072-85-1 74

****

Peak Number 3 .ALPHA.-PINENE, (-)- $$ Bic... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	1.56 ppbv	43143	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	83
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-27-5	80
3	.DELTA.-4-CARENE $$ Bicyclo[4.1....	136	C10H16	000554-61-0	72
4	Z-.beta.-ocimene	136	C10H16	000000-00-0	72
5	.alpha.-Thujene $$ Bicyclo[3.1.0...	136	C10H16	002867-05-2	68

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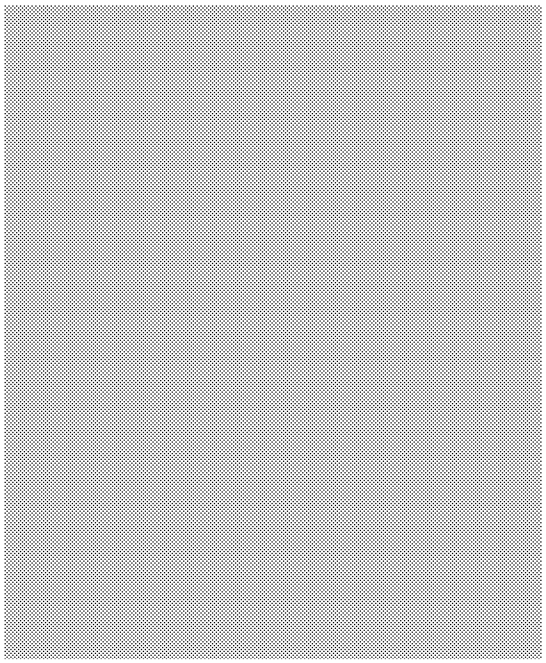

3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9 90
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1 90
5	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9 87

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3 PROPANOL 60 C3H8O 000071-23-8 59
4 1-Propanol (CAS) $$ Propanol $$ ... 60 C3H8O 000071-23-8 56
5 1-Propanol (CAS) $$ Propanol $$ ... 60 C3H8O 000071-23-8 9

****
Peak Number 3 Ethene, trichloro- (CAS) $$... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.009	1.47 ppbv	42219	1,4-Difluorobenzene	12.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	64
2	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	58
3	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	58
4	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	52
5	Ethene, trichloro- (CAS) $$ Tri ...	130	C2HCl3	000079-01-6	52

****
Peak Number 4 Column bleed Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.842	3.37 ppbv	96658	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	86
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	78
4	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	64
5	1,3-dimethyl-4-azaphenanthrene	207	C15H13N	000000-00-0	64

****
Peak Number 5 4 bromo-fluoro benzene Concentration Rank 4
Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.89 ppbv	427400	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	94

3 Tetrasiloxane, decamethyl- (CAS)... 310 C10H30O3Si4 000141-62-8 74
4 2-Methyl-7-phenylindole 207 C15H13N 000000-00-0 72
5 N-ethyl-1,3-dithioisoindoline $$... 207 C10H9NS2 035373-06-9 64

****

Peak Number 3 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	12.76 ppbv	353031	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	96
2	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	94
3	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	94
4	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	94
5	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	91

****

Peak Number 4 Column Bleed Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	7.45 ppbv	206066	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
5	3-Ethoxy-1,1,1,5,5,5-hexamethyl-...	340	C11H32O4Si4	000000-00-0	64

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3 Cyclotrisiloxane, hexamethyl- (C... 222 C6H18O3Si3 000541-05-9 86
4 N-ethyl-1,3-dithioisoindoline $$... 207 C10H9NS2 035373-06-9 83
5 Arsenous acid, tris(trimethylsil... 342 C9H27AsO3Si3 055429-29-3 72

****

Peak Number 3 4 bromo-fluoro benzene Concentration Rank 5

Internal standard

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	14.42 ppbv	431822	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4 bromo-fluoro benzene	174	C6H4BrF	000000-00-0	94
2	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	93
3	Benzene, 1-bromo-4-fluoro- (CAS)...	174	C6H4BrF	000460-00-4	90
4	Benzene, 1-bromo-3-fluoro- (CAS)...	174	C6H4BrF	001073-06-9	81
5	Benzene, 1-bromo-2-fluoro- (CAS)...	174	C6H4BrF	001072-85-1	81

****

Peak Number 4 .ALPHA.-PINENE, (-)- $$ Bic... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	1.39 ppbv	41509	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	90
2	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	90
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	90
4	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	90
5	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	90

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Peak Number 6 .ALPHA.-PINENE, (-)- $$ Bic... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.248	9.95 ppbv	373079	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	94
2	.gamma.-terpinene	136	C10H16	000099-85-4	87
3	.GAMMA.-TERPINENE	136	C10H16	000099-85-4	87
4	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	76
5	.ALPHA.-PINENE $$ DIHYDRO-para-C...	136	C10H16	000080-56-8	70

****

Peak Number 7 .gamma.-TERPINENE Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.723	2.07 ppbv	77696	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-TERPINENE	136	C10H16	000099-85-4	87
2	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	87
3	.alpha.-pipene $$ .alpha.-pinene	136	C10H16	000080-56-8	87
4	.gamma.-terpinene	136	C10H16	000099-85-4	87
5	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	87

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2 dl-Limonene $$ Cyclohexene, 1-me... 136 C10H16 000138-86-3 90
3 l-LIMONENE 136 C10H16 005989-54-8 80
4 .DELTA.3-Carene $$ Bicyclo[4.1.0... 136 C10H16 013466-78-9 64
5 .alpha.-Fenchene $$ Bicyclo[2.2.... 136 C10H16 000471-84-1 58

****

Peak Number 6 susbtituted alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.911	11.13 ppbv	394395	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl- (CAS)	184	C13H28	017301-32-5	80
2	Tetradecane (CAS) $$ n-Tetradeca...	198	C14H30	000629-59-4	72
3	Docosane (CAS) $$ n-Docosane $$ ...	310	C22H46	000629-97-0	64
4	Dodecane, 5-methyl- (CAS) $$ 5-M...	184	C13H28	017453-93-9	59
5	Pentadecane (CAS) $$ n-Pentadeca...	212	C15H32	000629-62-9	59

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2	1,3-PENTADIENE	68	C5H8	001574-41-0 74
3	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3 74
4	1,3-Butadiene, 2-methyl- (CAS) $...	68	C5H8	000078-79-5 72
5	1,2-Pentadiene (CAS) $$ Ethylall...	68	C5H8	000591-95-7 64

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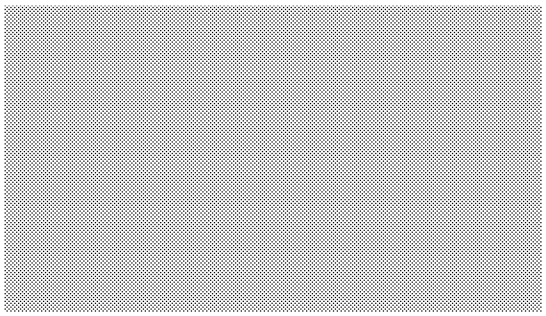

2 1,3-Butadiene, 2-methyl- (CAS) $... 68 C5H8 000078-79-5 60
3 1,3-Butadiene, 2-methyl- (CAS) $... 68 C5H8 000078-79-5 60
4 dl-Limonene $$ Cyclohexene, 1-me... 136 C10H16 000138-86-3 53
5 l-Limonene $$ Cyclohexene, 1-met... 136 C10H16 005989-54-8 52

****

Peak Number 6 2,2,4,4,-Tetramethyloctane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.387	18.63 ppbv	654469	Chlorobenzene-d5	18.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,-Tetramethyloctane	170	C12H26	000000-00-0	72
2	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	64
3	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	64
4	Heptane, 3,5-dimethyl- (CAS) $$ ...	128	C9H20	000926-82-9	50
5	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	000000-00-0	47

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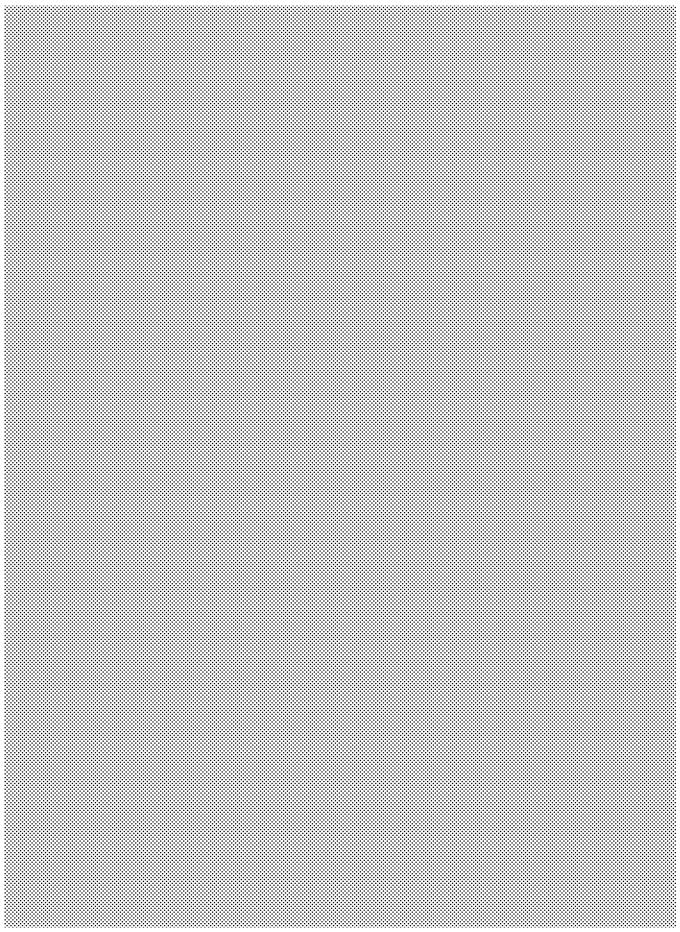

2 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 80
3 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 80
4 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 72
5 TRIMETHYLSILYL ESTER OF 4-METHYL... 296 C14H24O3Si2 000000-00-0 50

****

Peak Number 6 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	202.28 ppbv	7044000	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	83
2	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	74
3	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	64
4	Pentane, 2,2,4-trimethyl- (CAS) ...	114	C8H18	000540-84-1	59
5	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	50

****

Peak Number 7 2,2,4,4,-Tetramethyloctane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.377	20.84 ppbv	725804	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,-Tetramethyloctane	170	C12H26	000000-00-0	78
2	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	64
3	Heptane, 2,5-dimethyl- (CAS) $$ ...	128	C9H20	002216-30-0	53
4	Heptane, 3-bromo- (CAS) $$ 3-Bro...	178	C7H15Br	001974-05-6	50
5	Nonane, 2,2,4,4,6,8,8-heptamethy...	226	C16H34	004390-04-9	50

****

Peak Number 8 2,6-Dimethyldecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.040	7.65 ppbv	266448	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

2 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 91
3 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 86
4 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 83
5 Cyclotetrasiloxane, octamethyl- ... 296 C8H24O4Si4 000556-67-2 72

****
Peak Number 6 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.337	94.82 ppbv	3030230	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	83
2	Butane, 2,2,3,3-tetramethyl- (CA...	114	C8H18	000594-82-1	64
3	Hexane, 2,2,5,5-tetramethyl- (CA...	142	C10H22	001071-81-4	64
4	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	64
5	Heptane, 2,2,4,6,6-pentamethyl- ...	170	C12H26	013475-82-6	64

****
Peak Number 7 Cyclohexene, 1-methyl-5-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.189	2.98 ppbv	95289	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	93
2	dl-Limonene $$ Cyclohexene, 1-me...	136	C10H16	000138-86-3	86
3	.ALPHA.-PINENE, (-)- $$ Bicyclo[...	136	C10H16	000080-56-8	64
4	1,4-Pentadiene (CAS) $$ Penta-1,...	68	C5H8	000591-93-5	60
5	1,2-Pentadiene (CAS) $$ Ethylall...	68	C5H8	000591-95-7	60

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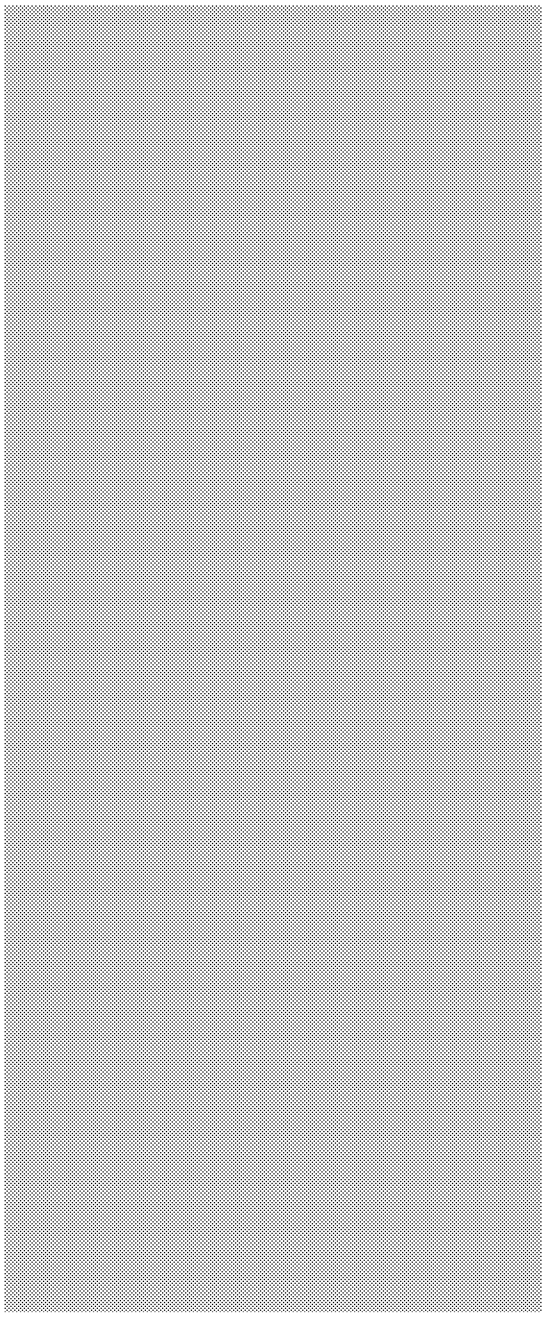

2	Eicosane (CAS) $$ n-Eicosane	282	C20H42	000112-95-8	64
3	Undecane, 2,7-dimethyl- (CAS)	184	C13H28	017301-24-5	59
4	Tetradecane (CAS) $$ n-Tetradeca...	198	C14H30	000629-59-4	59
5	Docosane, 7-butyl- (CAS) $$ 7-n-...	366	C26H54	055282-15-0	53

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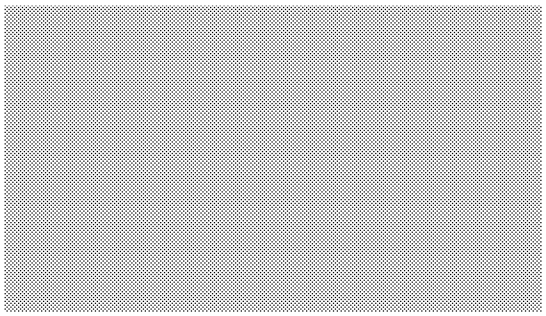

2 4 bromo-fluoro benzene 174 C6H4BrF 000000-00-0 87
3 Benzene, 1-bromo-4-fluoro- (CAS)... 174 C6H4BrF 000460-00-4 87
4 Benzene, 1-bromo-2-fluoro- (CAS)... 174 C6H4BrF 001072-85-1 72
5 Benzene, 1-bromo-4-fluoro- (CAS)... 174 C6H4BrF 000460-00-4 58

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Peak Number 6 Column bleed Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.119	2.93 ppbv	84208	Chlorobenzene-d5	18.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	86
2	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	80
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	59
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	47
5	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	42

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1 2,6-Dimethyldecane 170 C12H26 013150-81-7 83
2 Dodecane (CAS) $$ n-Dodecane $$ ... 170 C12H26 000112-40-3 80
3 Eicosane (CAS) $$ n-Eicosane 282 C20H42 000112-95-8 64
4 Ether, hexyl pentyl (CAS) $$ Hex... 172 C11H24O 032357-83-8 64
5 Heptadecane (CAS) $$ n-Heptadeca... 240 C17H36 000629-78-7 64

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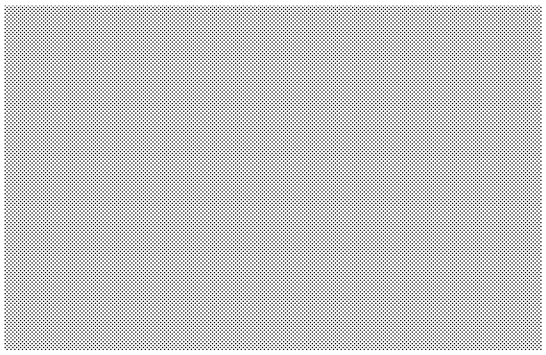

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Compound
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Propane
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Nitrogen oxide (NO)
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2-Hydroxy-4-azadecyl-dimethyl amine
Tetramethyl diamino methane
acetamidine hydrochloride
Dichlorofluoronitromethane
Methane, trichlorofluoro-
Methane, trichlorofluoro-
2-Butanone
2-Butanone
structural isomer of 2 - hydroxy - 3 - oxo - butanal
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Benzene, methyl-

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74-98-6	925	90.96	w11main1	832126
74-98-6	911	90.96	w11main1	832126
7779-75-1	770	22.59	w11main1	362147
1517-49-3	767	19.96	w11main1	362147
50463-25-7	762	16.08	w11main1	362147
10102-43-9	969	75.64	w11main1	1757151
67-56-1	929	17.55	w11main1	1757151
67-56-1	911	17.55	w11main1	1757151
115-11-7	886	33.69	w11main1	206629
106-98-9	869	18.39	w11main1	206629
590-18-1	858	12.61	w11main1	206629
64-17-5	921	83.3	w11main1	12786732
64-17-5	919	83.3	w11main1	12786732
64-17-5	912	83.3	w11main1	12786732
0-00-0	902	58.93	w11main1	640437
1073-91-2	859	13	w11main1	640437
0-00-0	840	6.31	w11main2	640437
0-00-0	877	43.9	w11main1	131464
0-00-0	871	34.5	w11main1	131464
0-00-0	779	2.88	w11main1	131464
0-00-0	858	51.35	w11main1	32963
75-69-4	841	28.03	w11main1	32963
75-69-4	837	28.03	w11main1	32963
78-93-3	864	16.47	w11main1	223538
78-93-3	860	16.47	w11main1	223538
0-00-0	856	12.28	w11main1	223538
683-73-8	867	51.26	w11main1	288202
683-73-8	867	51.26	w11main1	288202
7782-44-7	863	43.3	w11main1	288202
74-97-5	864	98.43	w11main1	889776
74-97-5	860	98.43	w11main1	889776
74-97-5	807	98.43	w11main1	889776
367-11-3	886	48.52	w11main1	950043
540-36-3	879	37.17	w11main1	950043
540-36-3	864	37.17	w11main1	950043
544-25-2	912	23.56	w11main1	4636470
544-25-2	907	23.56	w11main1	4636470
108-88-3	899	15.22	w11main1	4636470

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219008.D
Sample : System blank

Retention time (mins)	Compound
5.1456	Propane, 2-nitro-
	Propane, 2-nitro-
	(CH3)2CHCH2ONO
5.2122	1,2-Dimethylethylene carbonate
	Pyrimidine-2,4(1H,3H)-dione, 5-amino-6-nitroso-
	Butanoic acid, 3-oxo-, 2-methylpropyl ester
5.934	Ethenol
	Acetaldehyde
	Formic acid, ethenyl ester
5.9565	Tetradeuteroethene
	Tetradeuteroethene
	Oxygen
6.2155	1-Butene
	2-Butene, (Z)-
	1-Propene, 2-methyl-
6.8801	Ethanol
	Ethanol
	Ethanol
7.3175	2-Propanone
	2-Propanone
	4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
10.0047	Methane, bromochloro-
	Methane, bromochloro-
	Methane, bromochloro-
12.0956	Benzene, 1,2-difluoro-
	Benzene, 1,4-difluoro-
	Benzene, 1,3-difluoro-
18.4048	Chlorobenzene-d5
21.2034	Benzene, 1-bromo-3-fluoro-
	Benzene, 1-bromo-2-fluoro-
	Benzene, 1-bromo-2-fluoro-
31.0636	1-Ethynoxyoctane
	2,3-Dimethylthiirane 1,1-dioxide
31.1519	4-(Tetrahydrofuranyl-2-oxy)-4-methyl-2-pentanone
	(S)-2,6-Dimethyloct-7-en-3-one

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
79-46-9	731	30.67	w11main1	29679
79-46-9	731	30.67	w11main1	29679
542-56-3	726	24.72	w11main1	29679
4437-70-1	816	65.38	w11main1	4564
0-00-0	751	10.52	w11main1	4564
7779-75-1	749	9.71	w11main1	4564
57239-63-1	893	35.66	w11main1	237566
75-07-0	878	21.61	w11main1	237566
692-45-5	864	13.52	w11main1	237566
683-73-8	827	49.43	w11main1	42157
683-73-8	827	49.43	w11main1	42157
7782-44-7	823	41.76	w11main1	42157
106-98-9	900	20.27	w11main1	211835
590-18-1	899	19.48	w11main1	211835
115-11-7	898	18.72	w11main1	211835
64-17-5	962	91.2	w11main1	1426268
64-17-5	946	91.2	w11main1	1426268
64-17-5	915	91.2	w11main1	1426268
67-64-1	920	52.23	w11main1	221623
67-64-1	900	52.23	w11main1	221623
54889-59-7	898	20.64	w11main1	221623
74-97-5	914	98.57	w11main1	881955
74-97-5	896	98.57	w11main1	881955
74-97-5	853	98.57	w11main1	881955
367-11-3	897	64.65	w11main1	994916
540-36-3	867	17.97	w11main1	994916
372-18-9	865	16.57	w11main1	994916
3114-55-4	899	98.39	w11main1	743943
1073-06-9	918	42.9	w11main1	620038
1072-85-1	913	34.58	w11main1	620038
1072-85-1	910	34.58	w11main1	620038
0-00-0	842	88.27	w11main1	16357
0-00-0	746	7.03	w11main1	16357
0-00-0	803	85.87	w11main1	21167
0-00-0	705	6.62	w11main1	21167

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219010.D
Sample : Batch Blank 2

Retention time (mins)	Compound
5.9356	Acetaldehyde
	Acetaldehyde
	Propanenitrile, 2-hydroxy-
6.0654	Nitrogen oxide (NO)
	Methanol
	Methanol
6.2104	1-Propene, 2-methyl-
	1-Butene
	2-Butene, (Z)-
6.8856	Ethanol
	Ethanol
	Ethanol
7.3178	2-Propanone
	2-Propanone
	4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
9.0045	Silanol, trimethyl-
	Silanol, trimethyl-
	Silanol, trimethyl-
10.0031	Methane, bromochloro-
	Methane, bromochloro-
	Methane, bromochloro-
12.0918	Benzene, 1,2-difluoro-
	Benzene, 1,4-difluoro-
	Benzene, 1,3-difluoro-
18.4044	Chlorobenzene-d5
21.2058	Benzene, 1-bromo-4-fluoro-
	Benzene, 1-bromo-3-fluoro-
	Benzene, 1-bromo-2-fluoro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
75-07-0	822	29.87	w11main1	345224
75-07-0	817	29.87	w11main1	345224
78-97-7	814	22.28	w11main1	345224
10102-43-9	990	76.05	w11main1	1377440
67-56-1	956	19.5	w11main1	1377440
67-56-1	937	19.5	w11main1	1377440
115-11-7	911	34.71	w11main1	204135
106-98-9	894	18.94	w11main1	204135
590-18-1	889	15.27	w11main1	204135
64-17-5	931	89.64	w11main1	143979
64-17-5	912	89.64	w11main1	143979
64-17-5	870	89.64	w11main1	143979
67-64-1	964	76.91	w11main1	413476
67-64-1	943	76.91	w11main1	413476
54889-59-7	883	8.15	w11main1	413476
1066-40-6	923	81.23	w11main1	113063
1066-40-6	882	81.23	w11main1	113063
1066-40-6	865	81.23	w11main1	113063
74-97-5	936	98.29	w11main1	863464
74-97-5	933	98.29	w11main1	863464
74-97-5	896	98.29	w11main1	863464
367-11-3	879	43.6	w11main1	991175
540-36-3	869	30.78	w11main1	991175
372-18-9	863	24.19	w11main1	991175
3114-55-4	877	98.09	w11main1	809990
460-00-4	876	58.16	w11main1	435505
1073-06-9	853	21.24	w11main1	435505
1072-85-1	850	18.76	w11main1	435505

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219012.D
Sample : Trip Blank

Retention time (mins)	Compound
5.9375	Butanoic acid, 3-oxo-, 2-methylpropyl ester
	1,1-Dideuteropropene
	Isobutane, 1-deutero-
6.2153	1-Propene, 2-methyl-
	1-Propene, 2-methyl-
	1-Propene, 2-methyl-
7.3224	2-Propanone
	2-Propanone
	4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
9.0066	Silanol, trimethyl-
	Silanol, trimethyl-
	Silanol, trimethyl-
10.0104	Methane, bromochloro-
	Methane, bromochloro-
	Methane, bromochloro-
12.0968	Benzene, 1,2-difluoro-
	Benzene, 1,4-difluoro-
	Benzene, 1,4-difluoro-
18.4062	Chlorobenzene-d5
21.2037	Benzene, 1-bromo-2-fluoro-
	Benzene, 1-bromo-3-fluoro-
	Benzene, 1-bromo-2-fluoro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
7779-75-1	880	49.57	w11main1	98720
1517-49-3	811	7.36	w11main1	98720
50463-25-7	811	7.36	w11main1	98720
115-11-7	925	61.85	w11main1	199384
115-11-7	866	61.85	w11main1	199384
115-11-7	863	61.85	w11main1	199384
67-64-1	933	59.73	w11main1	211879
67-64-1	923	59.73	w11main1	211879
54889-59-7	878	11.58	w11main1	211879
1066-40-6	925	76.85	w11main1	61533
1066-40-6	891	76.85	w11main1	61533
1066-40-6	868	76.85	w11main1	61533
74-97-5	899	97.15	w11main1	836835
74-97-5	896	97.15	w11main1	836835
74-97-5	854	97.15	w11main1	836835
367-11-3	874	53.65	w11main1	998197
540-36-3	856	27.66	w11main1	998197
540-36-3	845	27.66	w11main1	998197
3114-55-4	914	98.04	w11main1	733179
1072-85-1	861	36.03	w11main1	384622
1073-06-9	860	34.64	w11main1	384622
1072-85-1	859	36.03	w11main1	384622

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041219014.D
Sample : Field Blank

Retention time (mins)
5.1714
5.2221
5.9365
6.2062
6.8784
7.3177
10.003
12.09
18.4029
21.2028

Compound	CAS No.
Propane, 2-nitro-	79-46-9
Propane, 2-nitro-	79-46-9
(5R)-1-[1-[(Butylamino)methyl]ethenyl]-2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol	0-00-0
Methyl borane-as positive ion / Ethylborane-as positive ion	0-00-0
1,1-bis(fluoranyl)-2-(prop-2-enoxymethyl)cyclopropane	0-00-0
2,4-bis(n-Hexyl)-1,3-dithiethane 1,1,3,3-tetraoxide	0-00-0
Acetaldehyde	75-07-0
Ethenol	57239-63-1
Propanenitrile, 2-hydroxy-	78-97-7
1-Propene, 2-methyl-	115-11-7
1-Butene	106-98-9
(2E)-2-Butene	107-01-7
Ethanol	64-17-5
Ethanol	64-17-5
Ethanol	64-17-5
2-Propanone	67-64-1
2-Propanone	67-64-1
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one	54889-59-7
Methane, bromochloro-	74-97-5
Methane, bromochloro-	74-97-5
Methane, bromochloro-	74-97-5
Benzene, 1,2-difluoro-	367-11-3
Benzene, 1,3-difluoro-	372-18-9
Benzene, 1,4-difluoro-	540-36-3
Chlorobenzene-d5	3114-55-4
Benzene, 1-bromo-4-fluoro-	460-00-4
Benzene, 1-bromo-3-fluoro-	1073-06-9
Benzene, 1-bromo-4-fluoro-	460-00-4

Match Factor	Probablilty %	Library	Peak sum (TIC)
751	30.56	w11main1	50539
751	30.56	w11main1	50539
739	20.35	w11main1	50539
755	4.82	w11main1	12817
755	4.82	w11main1	12817
755	4.82	w11main2	12817
892	46.95	w11main1	316095
858	12.03	w11main1	316095
857	11.57	w11main1	316095
911	48.85	w11main1	195302
887	16.37	w11main1	195302
875	10.9	w11main1	195302
931	87.16	w11main1	9186544
929	87.16	w11main1	9186544
911	87.16	w11main1	9186544
928	46.43	w11main1	318587
919	46.43	w11main1	318587
907	19.75	w11main1	318587
887	98.68	w11main1	914917
883	98.68	w11main1	914917
839	98.68	w11main1	914917
859	36.33	w11main1	1025691
858	34.92	w11main1	1025691
852	27.44	w11main1	1025691
819	97.24	w11main1	699258
878	37.78	w11main1	444520
874	31.91	w11main1	444520
871	37.78	w11main1	444520

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519008.D
Sample : Sample 1

Retention time (mins)
3.2708
3.4195
5.238
5.9508
6.2214
6.8875
6.8922
7.3306
7.3317
7.7685
9.0077
10.0063
10.019

Compound	CAS No.	Match Factor	Probablilty %
Tetradeuteroethene	683-73-8	928	87.25
Tetradeuteroethene	683-73-8	928	87.25
Tetradeuteroethene	683-73-8	883	87.25
Tetradeuteroethene	683-73-8	912	50.4
Tetradeuteroethene	683-73-8	912	50.4
Oxygen	7782-44-7	909	44.53
Propane	74-98-6	931	92.75
Propane	74-98-6	931	92.75
Propane	74-98-6	907	92.75
Urea, hydroxy-	127-07-1	872	22.59
Butanoic acid, 3-oxo-, 2-methylpropyl ester	7779-75-1	863	16.4
1-Deuterobutane	53716-53-3	863	16.4
Cyclobutane	287-23-0	773	24.74
1-Butene	106-98-9	770	21.86
(2E)-2-Butene	624-64-6	756	13.68
Methanethial, homopolymer	30699-99-1	706	31.96
Methane, oxybis-	115-10-6	701	25.76
Dimethylamine-D1	917-72-6	701	25.76
Ethanol	64-17-5	901	79.69
Ethanol	64-17-5	886	79.69
Ethanol	64-17-5	885	79.69
2-Heptanone, 5-methyl-	18217-12-4	848	36.86
(Octahydro-7a-methylbenzofuran-6-yl) Formate	0-00-0	843	29.71
2-Propanone	67-64-1	820	10.85
1H-Tetrazole	288-94-8	753	20.97
Cyanamide	420-04-2	747	16.48
Beta-propiolactone	57-57-8	741	12.95
(E)-1-(2-methylpropoxy)-1-butene	0-00-0	711	28.7
(1E)-1-Butenyl butyl ether	0-00-0	701	20.26
Butane, 1-[(2-methyl-2-propenyl)oxy]-	53907-74-7	700	19.47
1,1-Dimethoxy-3-(4-nitrophenyl)propan-2-one	0-00-0	883	24.53
1-Dimethoxymethyl-5-methyl-8-oxabicyclo[3.2.1]oct-6-en-3-one	0-00-0	873	17.32
Silanol, trimethyl-	1066-40-6	855	8.93
Methane, bromochloro-	74-97-5	903	98.63
Methane, bromochloro-	74-97-5	900	98.63
Methane, bromochloro-	74-97-5	844	98.63
Acetic acid ethyl ester	141-78-6	949	82.42
Acetic acid ethyl ester	141-78-6	941	82.42
Acetic acid ethyl ester	141-78-6	927	82.42

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519010.D
Sample : Sample 2

Library	Peak sum (TIC)	Retention time (mins)
w11main1	799317	5.2332
w11main1	799317	
w11main1	799317	
w11main1	3382670	5.9483
w11main1	3382670	
w11main1	3382670	
w11main1	1384956	6.0771
w11main1	1384956	
w11main1	1384956	
w11main1	524177	6.216
w11main1	524177	
w11main1	524177	
w11main1	135126	6.8841
w11main1	135126	
w11main1	135126	
w11main1	404553	7.3192
w11main1	404553	
w11main1	404553	
w11main1	39849475	7.3213
w11main1	39849475	
w11main1	39849475	
w11main1	905347	7.48
w11main1	905347	
w11main1	905347	
w11main1	52714	7.515
w11main1	52714	
w11main1	52714	
w11main1	7258	7.5174
w11main1	7258	
w11main1	7258	
w11main1	79904	9
w11main1	79904	
w11main1	79904	
w11main1	943391	9.1932
w11main1	943391	
w11main1	943391	
w11main1	1081200	9.1943
w11main1	1081200	
w11main1	1081200	

Compound
Propane
Propane
Propane
Butanoic acid, 3-oxo-, 2-methylpropyl ester
Propane, 2-methyl-
Propane, 2-methyl-
Nitrogen oxide (NO)
Methanol
Methanol
1-Propene, 2-methyl-
1-Butene
1-Propene, 2-methyl-
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
4-Penten-2-ol, 2-methyl-
1,2-O-Isopropylidene-6-deoxy-3-O-ethoxymethyl-6-C-[(1-hydroxy-1-methyl)ethyl]-a,D-glucofuranose
1,1-Dideuterio-2-methylpropene-oxide
Dichlorofluoronitromethane
Methane, trichlorofluoro-
Methane, trichlorofluoro-
2,2-dimethoxy-5,5-dimethyl-1,3,4-oxadiazole
2-Methylhexane-2,5-diol
Guanidine carbonate
(+-)-(1R*,5R*,6R*,7S*,8R*,9R*10R*)-5-Acetyl-10-hydroxy-7,9-bis(methoxymethoxy)-8-methyl-bicyclo[4.4.0]decan-3-one
2-Propanol
2-Propanol
6-Nitro-2,3-diphenylquinoxaline
(-)-N-Benzyl-N'-(2,2-dimethoxyethyl)-(2R,3R)-2,3-di-O-isopropylidenetartramic acid methyl ester
2-[(Benzyldimethylsilyl)methyl]-tetrahydrofuran
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide
Ethyl 2-ethyl-3-oxo-3-pentadecylfluoroheptylpropanoate
4-(4-Amino-5-(2,4-dichlorophenyl)-6-oxo-6,7,8,9-tetrahydropyrimido[4,5-b]quinolin-10(5H)-yl)benzenesulfonamide
2,2-Dimethylpropyl nitrite
Nonane, 4-methyl-
Hexane, 2,2,5,5-tetramethyl-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	960	93.14	w11main1	15141271
74-98-6	959	93.14	w11main1	15141271
74-98-6	936	93.14	w11main1	15141271
7779-75-1	898	70.25	w11main1	1190043
75-28-5	843	13.62	w11main1	1190043
75-28-5	825	13.62	w11main1	1190043
10102-43-9	990	76.05	w11main1	3379970
67-56-1	956	19.5	w11main1	3379970
67-56-1	937	19.5	w11main1	3379970
115-11-7	889	46.6	w11main1	195086
106-98-9	864	14.21	w11main1	195086
115-11-7	861	46.6	w11main1	195086
64-17-5	932	87.85	w11main1	105961170
64-17-5	911	87.85	w11main1	105961170
64-17-5	904	87.85	w11main1	105961170
67-64-1	944	70.01	w11main1	871293
67-64-1	934	70.01	w11main1	871293
54889-59-7	885	12.65	w11main1	871293
624-97-5	860	70.07	w11main1	8663
0-00-0	822	16.78	w11main2	8663
0-00-0	796	5.03	w11main1	8663
0-00-0	848	57.33	w11main1	36977
75-69-4	828	26.11	w11main1	36977
75-69-4	821	26.11	w11main1	36977
0-00-0	844	60.67	w11main1	28426
0-00-0	782	10.36	w11main1	28426
8/9/3425	766	5.97	w11main1	28426
0-00-0	849	25.2	w11main2	306839
67-63-0	839	17.79	w11main1	306839
67-63-0	838	17.79	w11main1	306839
0-00-0	905	3.07	w11main2	82371
0-00-0	905	3.07	w11main2	82371
0-00-0	905	3.07	w11main1	82371
0-00-0	896	3.03	w11main2	96802
0-00-0	896	3.03	w11main2	96802
0-00-0	896	3.03	w11main2	96802
0-00-0	878	93.01	w11main1	47849
17301-94-9	747	3.79	w11main1	47849
1071-81-4	719	1.09	w11main1	47849

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519012.D
Sample : Sample 3

Retention time (mins)
5.1966
5.2611
5.9708
6.1054
6.2461
6.2494
6.9103
7.3453
7.353
7.542
7.7832
9.2164
9.3151

Compound
Methane, chlorodifluoro-
Methane, chlorodifluoro-
Methane, chlorodifluoro-
Propane
Propane
Propane
Butanoic acid, 3-oxo-, 2-methylpropyl ester
Propane
1,1-Dideuteropropene
Nitrogen oxide (NO)
Methanol
Methanol
2-But-1-enyltetrahydrofuran
1-Propene, 3-(ethenyloxy)-
2-Undecanethiol, 2-methyl-
1-Butene
Ethane, diazo-
n-Butyl 2,2-Dicyanopropionate
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
(Octahydro-7a-methylbenzofuran-6-yl) Formate
Cyanamide
4-Amino-3-phenyl-N'-(1-(4-(piperidin-1-ylsulfonyl)phenyl)ethylidene)-2-thioxo-2,3-dihydrothiazole-5-carbohydrazide
2-Amino-5-cyano-4-(4-hydroxyphenyl)-6-oxo-1-{1-[4-(piperidine-1-sulf-onyl)phenyl]ethylideneamino}-1,6-dihydropyridir
2-Propanol
4-Penten-2-ol
4-Penten-2-ol
Pentane
Propane, 2-methyl-
Propane, 2-methyl-
Pentane, 2-methyl-
Pentane, 2-methyl-
Pentane, 2-methyl-
Propane, 2-nitro-
(CH3)2CHCH2ONO
Propane, 2-nitro-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
75-45-6	792	95.3	w11main1	171181
75-45-6	742	95.3	w11main1	171181
75-45-6	723	95.3	w11main1	171181
74-98-6	928	87.6	w11main1	4378502
74-98-6	927	87.6	w11main1	4378502
74-98-6	906	87.6	w11main1	4378502
7779-75-1	868	32.39	w11main1	675869
74-98-6	851	17.67	w11main1	675869
1517-49-3	845	13.89	w11main1	675869
10102-43-9	975	54.08	w11main1	4335120
67-56-1	960	32.77	w11main1	4335120
67-56-1	941	32.77	w11main1	4335120
0-00-0	797	39.37	w11main1	126011
3917-15-5	789	29.37	w11main1	126011
10059-13-9	769	13.38	w11main1	126011
106-98-9	864	25.53	w11main1	84684
1117-96-0	821	5.63	w11main1	84684
0-00-0	819	5.19	w11main1	84684
64-17-5	933	87.55	w11main1	73377305
64-17-5	905	87.55	w11main1	73377305
64-17-5	904	87.55	w11main1	73377305
67-64-1	888	46.72	w11main1	843347
67-64-1	872	46.72	w11main1	843347
0-00-0	867	19.87	w11main1	843347
420-04-2	818	24.2	w11main1	89621
0-00-0	799	11.75	w11main2	89621
0-00-0	799	11.75	w11main2	89621
67-63-0	834	34.81	w11main1	593378
625-31-0	819	21.1	w11main1	593378
625-31-0	817	21.1	w11main1	593378
109-66-0	877	55	w11main1	95463
75-28-5	853	18.43	w11main1	95463
75-28-5	850	18.43	w11main1	95463
107-83-5	883	70.92	w11main1	283322
107-83-5	880	70.92	w11main1	283322
107-83-5	873	70.92	w11main1	283322
79-46-9	946	73.08	w11main1	15396
542-56-3	917	20.71	w11main1	15396
79-46-9	873	73.08	w11main1	15396

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519014.D
Sample : Sample 4

Retention time (mins)
3.4161
5.1795
5.2435
5.9504
5.9654
6.084
6.227
6.3502
6.8964
7.3274
7.335
7.3645
7.7689
8.5781

Compound	CAS No.	Match Factor	Probablilty %
Tetradeuteroethene	683-73-8	909	49.31
Tetradeuteroethene	683-73-8	909	49.31
Oxygen	7782-44-7	907	45.48
Methane, chlorodifluoro-	75-45-6	831	97.74
Methane, chlorodifluoro-	75-45-6	790	97.74
Methane, chlorodifluoro-	75-45-6	781	97.74
Propane	74-98-6	934	92.44
Propane	74-98-6	933	92.44
Propane	74-98-6	909	92.44
Acetaldehyde	75-07-0	896	39.24
Propanenitrile, 2-hydroxy-	78-97-7	887	28.49
Propanenitrile, 2-hydroxy-	78-97-7	882	28.49
Propane, 2-methyl-	75-28-5	912	64.46
Propane, 2-methyl-	75-28-5	911	64.46
Propane, 2-methyl-	75-28-5	891	64.46
Methanol	67-56-1	979	61.65
Nitrogen oxide (NO)	10102-43-9	960	29.93
Methanol	67-56-1	960	61.65
1-Butene	106-98-9	879	25.13
1-Propene, 2-methyl-	115-11-7	876	22.2
1-Butene	106-98-9	867	25.13
Acetic acid, trichloro-, propyl ester	13313-91-2	824	14.48
Acetic acid, 2-propenyl ester	591-87-7	822	13.36
Propane, 2-nitro-	79-46-9	820	12.32
Ethanol	64-17-5	925	86.7
Ethanol	64-17-5	913	86.7
Ethanol	64-17-5	900	86.7
(Octahydro-7a-methylbenzofuran-6-yl) Formate	0-00-0	847	28.69
2-Propanone	67-64-1	847	28.69
2-Heptanone, 5-methyl-	18217-12-4	842	23.12
2,5-Furandione, dihydro-3-methyl-	4100-80-5	758	70.39
Silane, trichloro(1,1-dimethylethyl)-	18171-74-9	881	19.06
4-tert-butyl-1-(trifluoromethyl)cyclohexanol	120714-68-3	881	19.06
Propane, 2-[(1,1-dimethylethyl)sulfonyl]-2-methyl-	1886-75-5	879	17.58
Pentane	109-66-0	877	62.84
Pentane	109-66-0	870	62.84
Pentane	109-66-0	867	62.84
Isobutyraldehyde	78-84-2	829	75.52
Isobutyraldehyde	78-84-2	787	75.52

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519016.D
Sample : Sample 5

Library	Peak sum (TIC)	Retention time (mins)
w11main1	4298221	5.2507
w11main1	4298221	
w11main1	4298221	
w11main1	224130	5.9544
w11main1	224130	
w11main1	224130	
w11main1	3734232	6.1614
w11main1	3734232	
w11main1	3734232	
w11main1	986558	6.2316
w11main1	986558	
w11main1	986558	
w11main1	172007	6.3513
w11main1	172007	
w11main1	172007	
w11main1	5865184	6.5167
w11main1	5865184	
w11main1	5865184	
w11main1	208548	6.911
w11main1	208548	
w11main1	208548	
w11main1	193230	7.3132
w11main1	193230	
w11main1	193230	
w11main1	139818235	7.4792
w11main1	139818235	
w11main1	139818235	
w11main1	1347682	7.7535
w11main1	1347682	
w11main1	1347682	
w11main1	195701	8.0838
w11main1	111319	
w11main1	111319	
w11main1	111319	8.5619
w11main1	113995	
w11main1	113995	
w11main1	113995	8.9866
w11main1	32015	
w11main1	32015	

Compound
Propane
Propane
Propane
Isobutane, 1-deutero-
Acetaldehyde
1-Deuterobutane
Methanol
Nitrogen oxide (NO)
Methanol
1-Propene, 2-methyl-
2-Butene, (Z)-
1-Butene
Butane
Butane
Butane
Silane, fluorotrimethyl-
Silane, fluorotrimethyl-
Silane, fluorotrimethyl-
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
(Octahydro-7a-methylbenzofuran-6-yl) Formate
Dichlorofluoronitromethane
Methane, trichlorofluoro-
1-Chloro-3-methyl-1-[(2'-nitrobenzene)sulfinyl]-1,2-butadiene
Pentane
Pentane
Pentane
anti-(Ra*,2'S*)-N,N'-Bis(4-heptyl)-2-(2'-benzyl-3'-methylbutoyl)-1-naphthamide
2-(hydroxymethyl)-N,N-bis(1-propylbutyl)naphthalene-1-carboxamide
[(4-Iodopentan-2-yloxy)bis(trimethylsilyl)silyl]trimethylstannane
Isobutyraldehyde
Isobutyraldehyde
Isobutyraldehyde
Silanol, trimethyl-
Silanol, trimethyl-
tert-Butyl(dimethyl)silanol

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	941	91.23	w11main1	3430005
74-98-6	941	91.23	w11main1	3430005
74-98-6	922	91.23	w11main1	3430005
50463-25-7	877	26.42	w11main1	1265000
75-07-0	872	21.3	w11main1	1265000
53716-53-3	868	17.99	w11main1	1265000
67-56-1	975	53.68	w11main1	4863411
10102-43-9	964	36.82	w11main1	4863411
67-56-1	961	53.68	w11main1	4863411
115-11-7	905	25.06	w11main1	257667
590-18-1	894	17.19	w11main1	257667
106-98-9	894	17.19	w11main1	257667
106-97-8	929	64.88	w11main1	261758
106-97-8	910	64.88	w11main1	261758
106-97-8	901	64.88	w11main1	261758
420-56-4	948	69.19	w11main1	156537
420-56-4	905	69.19	w11main1	156537
420-56-4	857	69.19	w11main1	156537
64-17-5	931	88.09	w11main1	112376897
64-17-5	913	88.09	w11main1	112376897
64-17-5	905	88.09	w11main1	112376897
67-64-1	889	44.56	w11main1	2372256
67-64-1	857	44.56	w11main1	2372256
0-00-0	853	11.01	w11main1	2372256
0-00-0	829	33.22	w11main1	63643
75-69-4	827	30.64	w11main1	63643
0-00-0	820	23.47	w11main1	63643
109-66-0	856	60.65	w11main1	114728
109-66-0	838	60.65	w11main1	114728
109-66-0	829	60.65	w11main1	114728
0-00-0	952	40.81	w11main2	26545
0-00-0	941	27.99	w11main2	26545
0-00-0	882	5.06	w11main2	26545
78-84-2	828	77.42	w11main1	57156
78-84-2	785	77.42	w11main1	57156
78-84-2	774	77.42	w11main1	57156
1066-40-6	914	70.76	w11main1	3232463
1066-40-6	900	70.76	w11main1	3232463
18173-64-3	867	14.8	w11main1	3232463

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041519018.D
Sample : Sample 6

Retention time (mins)
4.046
5.2234
5.9387
5.9497
6.0609
6.0755
6.2124
6.3395
6.8852
7.3196
7.3509
7.5191
7.52

Compound
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Propanenitrile, 2-hydroxy-
Propane, 1-nitro-
Propane, 2-nitro-
Propane, 1-nitro-
2-methyl-3-oxo-3-(2-pyridinyl)propanoic acid ethyl ester
1-Azanylurea
1-Azanylurea
Methanol
Methanol
Nitrogen oxide (NO)
1-Butene
(2E)-2-Butene
1-Butene
Butane
Acetic acid, trichloro-, propyl ester
Butane
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
2-Propanone
Acetic acid, trichloro-, butyl ester
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Boric acid (H3BO3), tributyl ester
o-Allylhydroxylamine
Piperidine, 1-(1-propenyl)-
(5R)-1-[1-[(Butylamino)methyl]ethenyl]-2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
(1'Z,4'Z,7'Z,1-'Z)-(1S,2S,4R,5S,6R)-2-Methoxy-6-(methoxymethyl)oxy-4-trideca-1',4',7',10'-tetraenyl-3-oxabicyclo[3.3.0]oc

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
683-73-8	840	49.46	w11main1	926602
683-73-8	840	49.46	w11main1	926602
7782-44-7	836	41.78	w11main1	926602
74-98-6	949	93.68	w11main1	3401979
74-98-6	948	93.68	w11main1	3401979
74-98-6	929	93.68	w11main1	3401979
75-07-0	916	64.45	w11main1	1574322
75-07-0	882	64.45	w11main1	1574322
78-97-7	872	13.97	w11main1	1574322
108-03-2	904	44.48	w11main1	166338
79-46-9	898	34.96	w11main1	166338
108-03-2	895	44.48	w11main1	166338
0-00-0	800	80.09	w11main1	35677
57-56-7	760	18.58	w11main1	35677
57-56-7	719	18.58	w11main1	35677
67-56-1	981	71.14	w11main1	5922519
67-56-1	966	71.14	w11main1	5922519
10102-43-9	955	21.31	w11main1	5922519
106-98-9	904	28.12	w11main1	308164
107-01-7	901	24.84	w11main1	308164
106-98-9	883	28.12	w11main1	308164
106-97-8	802	19.07	w11main1	143440
13313-91-2	795	14.61	w11main1	143440
106-97-8	787	19.07	w11main1	143440
64-17-5	934	89.29	w11main1	95674365
64-17-5	912	89.29	w11main1	95674365
64-17-5	905	89.29	w11main1	95674365
67-64-1	957	70.18	w11main1	1978652
67-64-1	944	70.18	w11main1	1978652
67-64-1	885	70.18	w11main1	1978652
7/6/3657	888	36.99	w11main1	166376
0-00-0	874	23.15	w11main1	166376
688-74-4	849	7.06	w11main1	166376
6542-54-7	754	33.89	w11main1	22797
9/4/7182	737	18.49	w11main1	22797
0-00-0	721	10.65	w11main1	22797
0-00-0	917	5.86	w11main1	137991
0-00-0	917	5.86	w11main1	137991
0-00-0	917	5.86	w11main2	137991

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619008.D
Sample : Sample 7

Retention time (mins)
5.1278
5.2295
5.9338
5.9455
6.0707
6.2131
6.3366
6.8825
7.3106
7.3417
7.5096
7.754
8.0862

Compound
Aziridine
Aziridine
Vinylamine
Propane
Propane
Propane
Acetaldehyde
Formic acid, ethenyl ester
Formic acid, ethenyl ester
Propane, 2-methyl-
Propane, 2-methyl-
Propane, 2-methyl-
Methanol
Methanol
Nitrogen oxide (NO)
1-Butene
(2E)-2-Butene
1-Butene
Butane
Butane
Propane, 2-nitro-
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
2-Propanone
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Cyclopropane, 2-butoxy-1,1-difluoro-3-methyl-, cis-(.+-.)-
Methane, isocyanato-
2-Hydroxy-2-methylmalonic acid
4-Penten-2-ol
2-Propanol
Pentane
Pentane
Pentane
1,2-bis(dicyanmethylen)-3-(2,3-dimorpholinocyclopropenyliothio)cyclopropanid
anti-(Ra*,2'S*)-N,N'-Bis(4-heptyl)-2-(2'-benzyl-3'-methylbutoyl)-1-naphthamide
Ethyl 2,2-dimethyl-6-oxa-1-azabicyclo[3.1.0]hexan-4-yl carbonate

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
151-56-4	805	53.82	w11main1	46157
151-56-4	778	53.82	w11main1	46157
0-00-0	761	11.67	w11main1	46157
74-98-6	950	92.95	w11main1	2805990
74-98-6	949	92.95	w11main1	2805990
74-98-6	919	92.95	w11main1	2805990
75-07-0	920	40.68	w11main1	1793285
692-45-5	904	23.42	w11main1	1793285
692-45-5	902	23.42	w11main1	1793285
75-28-5	907	67.98	w11main1	113852
75-28-5	904	67.98	w11main1	113852
75-28-5	884	67.98	w11main1	113852
67-56-1	982	72	w11main1	8831505
67-56-1	969	72	w11main1	8831505
10102-43-9	952	20.01	w11main1	8831505
106-98-9	935	32.02	w11main1	324947
107-01-7	929	25.17	w11main1	324947
106-98-9	911	32.02	w11main1	324947
106-97-8	860	57.49	w11main1	130809
106-97-8	836	57.49	w11main1	130809
79-46-9	831	16.29	w11main1	130809
64-17-5	922	86.86	w11main1	170508881
64-17-5	920	86.86	w11main1	170508881
64-17-5	899	86.86	w11main1	170508881
67-64-1	942	67.92	w11main1	2658302
67-64-1	910	67.92	w11main1	2658302
67-64-1	873	67.92	w11main1	2658302
0-00-0	865	40.44	w11main1	233557
131262-41-4	835	11.24	w11main1	233557
624-83-9	831	9.49	w11main1	233557
595-98-2	827	29.31	w11main1	674701
625-31-0	827	29.31	w11main1	674701
67-63-0	817	20.69	w11main1	674701
109-66-0	924	75	w11main1	162348
109-66-0	924	75	w11main1	162348
109-66-0	922	75	w11main1	162348
100514-59-8	927	41.16	w11main2	20192
0-00-0	903	13.79	w11main2	20192
0-00-0	897	10.84	w11main1	20192

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619010.D
Sample : Sample 8

Retention time (mins)
3.4177
5.21
5.2336
5.9365
5.9525
6.075
6.2108
6.8835
7.2045
7.3128
7.3241
7.5125
7.5147
7.7579

Compound
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Propane
Propane
Propane
1,1-Dideuteropropene
Propane
Propane
Formic acid, ethenyl ester
Acetaldehyde
Formic acid, ethenyl ester
Acetonitrile
Cyanoacetaldehyde
Acetonitrile
Methanol
Methanol
Nitrogen oxide (NO)
1-Propene, 2-methyl-
Methylcyclopropane
1-Butene
Ethanol
Ethanol
Ethanol
2-Propenal
2-Propenal
2-Propenal
2-Propanone
2-Propanone
2-Propanone
2-Naphthaleneacetic acid, decahydro-1,5-dihydroxy-a,4a-dimethyl-8-oxo-, methyl ester, [1a,2ß(R*),4aß,5ß,8aa]-(.+-.)-
N-(Propa-1,2,dien-1-yl)azomethane
2-(2-Oxidanylidenepropyl)propanedial
3-Nitro-1-butene
Propane, 1-methoxy-
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
Pentane
Pentane

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
683-73-8	919	60.53	w11main1	4260968
683-73-8	919	60.53	w11main1	4260968
7782-44-7	903	34.86	w11main1	4260968
74-98-6	877	83.38	w11main1	2912548
74-98-6	877	83.38	w11main1	2912548
74-98-6	854	83.38	w11main1	2912548
1517-49-3	795	70.21	w11main1	392150
74-98-6	750	14.95	w11main1	392150
74-98-6	750	14.95	w11main1	392150
692-45-5	899	33.27	w11main1	2008947
75-07-0	897	30.69	w11main1	2008947
692-45-5	892	33.27	w11main1	2008947
75-05-8	790	43.76	w11main1	121100
0-00-0	789	42.07	w11main1	121100
75-05-8	766	43.76	w11main1	121100
67-56-1	979	72.55	w11main1	7351780
67-56-1	960	72.55	w11main1	7351780
10102-43-9	949	20.16	w11main1	7351780
115-11-7	916	21.76	w11main1	460047
594-11-6	911	17.53	w11main1	460047
106-98-9	908	15.49	w11main1	460047
64-17-5	927	86.62	w11main1	112599303
64-17-5	913	86.62	w11main1	112599303
64-17-5	900	86.62	w11main1	112599303
107-02-8	846	93.13	w11main1	48621
107-02-8	822	93.13	w11main1	48621
107-02-8	789	93.13	w11main1	48621
67-64-1	941	62.4	w11main1	3784226
67-64-1	919	62.4	w11main1	3784226
67-64-1	884	62.4	w11main1	3784226
83037-79-0	726	63.46	w11main1	238747
0-00-0	856	46.82	w11main1	105116
0-00-0	793	7.84	w11main1	105116
0-00-0	791	7.23	w11main1	105116
557-17-5	897	17.79	w11main1	453163
0-00-0	862	4.46	w11main1	453163
0-00-0	862	4.46	w11main1	453163
109-66-0	790	62.37	w11main1	149738
109-66-0	773	62.37	w11main1	149738

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619012.D
Sample : Sample 9

Retention time (mins)
5.2351
5.2509
5.9506
6.0875
6.2272
6.8955
7.3255
7.3281
7.3365
7.3591
7.5239
7.5273
7.7714
8.5833
8.8373

Compound
Propane
Propane
Propane
1,1-Dideuteropropene
Isobutane, 1-deutero-
2-Deutero-2-methylpropane
Acetaldehyde
Acetaldehyde
Acetaldehyde
Methanol
Methanol
Nitrogen oxide (NO)
1-Butene
(2E)-2-Butene
1-Propene, 2-methyl-
Ethanol
Ethanol
Ethanol
Methane, trinitro-
Methane, trinitro-
n-Hexyl-N-methylamine
Propanenitrile, 2-hydroxy-2-methyl-
(Octahydro-7a-methylbenzofuran-6-yl) Formate
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
acetamidine hydrochloride
(cis)-3-dimethylamino-1-phenyl-1-hydroxycyclohexane
Embramine
4'-Acetyl-2'-phenyl-4a',5',6',7',8',8a'-hexahydro-4'H-spiro-[cyclohexane-1,9'-[1,2,4]triazolo[5,1-b]quinazoline]
4,5-Dihydro-1-methyl-5-(nitrimino)-1H-tetrazole
DL-1,3-dimethoxyhexane
4-Penten-2-ol
4-Penten-2-ol
Propane, 2-methyl-
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
Propane, 2-methyl-
Propane, 2-nitro-
Propane, 1-nitro-
Propane, 2-nitro-
(5E)-2,2-Dimethyl-4-oxaocta-5,7-dienal

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	867	83.86	w11main1	2044853
74-98-6	867	83.86	w11main1	2044853
74-98-6	850	83.86	w11main1	2044853
1517-49-3	824	46.65	w11main1	134272
50463-25-7	806	24.06	w11main1	134272
13183-68-1	789	13.13	w11main1	134272
75-07-0	930	64.2	w11main1	1741636
75-07-0	904	64.2	w11main1	1741636
75-07-0	895	64.2	w11main1	1741636
67-56-1	981	71.24	w11main1	5147563
67-56-1	967	71.24	w11main1	5147563
10102-43-9	954	20.96	w11main1	5147563
106-98-9	931	27.17	w11main1	447692
107-01-7	926	21.9	w11main1	447692
115-11-7	912	13.71	w11main1	447692
64-17-5	934	88.22	w11main1	76091194
64-17-5	909	88.22	w11main1	76091194
64-17-5	906	88.22	w11main1	76091194
517-25-9	828	19.85	w11main1	32362
517-25-9	825	19.85	w11main1	32362
35161-70-7	782	4.19	w11main1	32362
75-86-5	901	54.25	w11main1	2008499
0-00-0	859	12.17	w11main1	2008499
54889-59-7	855	10.28	w11main1	2008499
0-00-0	815	96.72	w11main1	235133
0-00-0	805	26.16	w11main1	17221
3565-72-8	791	16.37	w11main2	17221
0-00-0	717	18.02	w11main2	47856
0-00-0	703	11.28	w11main1	47856
0-00-0	820	35.36	w11main1	943388
625-31-0	814	27.8	w11main1	943388
625-31-0	802	27.8	w11main1	943388
75-28-5	892	59.18	w11main1	105241
6/8/4375	868	19.83	w11main2	105241
75-28-5	867	59.18	w11main1	105241
79-46-9	963	83.02	w11main1	40871
108-03-2	875	7.24	w11main1	40871
79-46-9	874	83.02	w11main1	40871
0-00-0	806	44.15	w11main1	39877

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619014.D
Sample : Sample 10

Retention time (mins)
5.215
5.9493
6.0913
6.2194
6.8974
7.3288
7.5313
7.5313
7.773
9.1689
9.3126
9.4233
10.0142
10.0272

Compound
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Acetaldehyde
Methanol
Methanol
Nitrogen oxide (NO)
1-Propene, 2-methyl-
1-Butene
(2E)-2-Butene
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
(1'Z,4'Z,7'Z,1-'Z)-(1S,2S,4R,5S,6R)-2-Methoxy-6-(methoxymethyl)oxy-4-trideca-1',4',7',10'-tetraenyl-3-oxabicyclo[3.3.0]oc
Propane, 2-methyl-
Propane, 2-methyl-
Propane, 2-methyl-
Pentane
Pentane
Pentane
1-(2-ethyl-2-oxiranyl)-2-propanone
1,10-Secocholestan-1-al, 10-hydroxy-, (5ß)-
4-pentene-2,3-dione
2-Ethyl-3-tetrahydrofuryl thiocyanate
Methyl 2,3,6,7-tetradeoxy-2,6-di-C-methyl-8-O-pivaloyl-a-D-arabino-octo-1,5-pyranosid-4-ulose
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
L-Alanine

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	929	90.05	w11main1	2077964
74-98-6	928	90.05	w11main1	2077964
74-98-6	924	90.05	w11main1	2077964
75-07-0	928	55.52	w11main1	1426748
75-07-0	918	55.52	w11main1	1426748
75-07-0	899	55.52	w11main1	1426748
67-56-1	982	72.61	w11main1	5475304
67-56-1	963	72.61	w11main1	5475304
10102-43-9	952	20.18	w11main1	5475304
115-11-7	919	22.89	w11main1	390182
106-98-9	915	19.34	w11main1	390182
107-01-7	914	18.59	w11main1	390182
64-17-5	934	88.25	w11main1	75615319
64-17-5	909	88.25	w11main1	75615319
64-17-5	906	88.25	w11main1	75615319
67-64-1	958	70.8	w11main1	1689445
67-64-1	945	70.8	w11main1	1689445
54889-59-7	876	7.22	w11main1	1689445
0-00-0	920	5.89	w11main1	253681
0-00-0	920	5.89	w11main1	253681
0-00-0	920	5.89	w11main2	253681
75-28-5	845	47.99	w11main1	75645
75-28-5	836	47.99	w11main1	75645
75-28-5	820	47.99	w11main1	75645
109-66-0	893	63.5	w11main1	151279
109-66-0	879	63.5	w11main1	151279
109-66-0	869	63.5	w11main1	151279
0-00-0	914	56.16	w11main1	122349
96616-67-0	896	28.96	w11main2	122349
0-00-0	837	5.23	w11main1	122349
0-00-0	795	80.7	w11main1	34973
0-00-0	735	14.32	w11main1	34973
683-73-8	830	49.16	w11main1	686826
683-73-8	830	49.16	w11main1	686826
7782-44-7	827	43.44	w11main1	686826
74-97-5	888	98.71	w11main1	794961
74-97-5	887	98.71	w11main1	794961
74-97-5	833	98.71	w11main1	794961
56-41-7	782	36.77	w11main1	56945

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619016.D
Sample : Sample 11

Retention time (mins)
5.2121
5.9513
6.0968
6.0978
6.223
6.9034
7.3363
7.5356
7.7805
9.1755
10.0193
10.0357
10.0444

Compound	CAS No.	Match Factor
Propane	74-98-6	926
Propane	74-98-6	926
Propane	74-98-6	914
Acetaldehyde	75-07-0	897
Formic acid, ethenyl ester	692-45-5	890
Acetaldehyde	75-07-0	876
Methanol	67-56-1	980
Methanol	67-56-1	961
Nitrogen oxide (NO)	10102-43-9	953
Oxygen	7782-44-7	842
Oxygen	7782-44-7	842
Oxygen	7782-44-7	842
1-Propene, 2-methyl-	115-11-7	950
1-Butene	106-98-9	905
(2E)-2-Butene	107-01-7	898
Ethanol	64-17-5	942
Ethanol	64-17-5	913
Ethanol	64-17-5	908
2-Propanone	67-64-1	953
2-Propanone	67-64-1	928
2-Propanone	67-64-1	884
2-Propanol	67-63-0	841
2-Propanol	67-63-0	835
2-Propanol	67-63-0	823
Pentane	109-66-0	874
Butane, 2-methyl-	78-78-4	865
Pentane	109-66-0	841
4-Bromo-5-azidooctane	0-00-0	850
1-(2-ethyl-2-oxiranyl)-2-propanone	0-00-0	840
1,10-Secocholestan-1-al, 10-hydroxy-, (5ß)-	96616-67-0	822
Methane, bromochloro-	74-97-5	886
Methane, bromochloro-	74-97-5	877
Methane, bromochloro-	74-97-5	838
Acetic acid ethyl ester	141-78-6	868
Acetic acid ethyl ester	141-78-6	862
Acetic acid ethyl ester	141-78-6	856
(4R,5S)-Diphenyl-3-(3-phenyl-2(E)-propenoyl)-2-oxazolidinone	0-00-0	823
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-	311-89-7	775
2-Iodo-(N,N,N',N'-tetrakis(isopropyl)-ferrocene)-1,1'-dicarboxamide	0-00-0	753

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041619018.D
Sample : Sample 12

Probablilty %	Library	Peak sum (TIC)	Retention time (mins)
89.74	w11main1	2029439	5.2194
89.74	w11main1	2029439	
89.74	w11main1	2029439	
30.91	w11main1	1323735	5.9569
23.68	w11main1	1323735	
30.91	w11main1	1323735	
71.67	w11main1	4771136	6.1002
71.67	w11main1	4771136	
21.08	w11main1	4771136	
57.66	w11main1	12811	6.2271
57.66	w11main1	12811	
57.66	w11main1	12811	
60	w11main1	258835	6.2303
12.78	w11main1	258835	
9.79	w11main1	258835	
89.86	w11main1	50953786	6.909
89.86	w11main1	50953786	
89.86	w11main1	50953786	
67.38	w11main1	1228942	7.3415
67.38	w11main1	1228942	
67.38	w11main1	1228942	
41.38	w11main1	722127	7.7833
41.38	w11main1	722127	
41.38	w11main1	722127	
46.48	w11main1	79208	8.1168
33.74	w11main1	79208	
46.48	w11main1	79208	
41.45	w11main1	93494	9.1797
29.26	w11main1	93494	
15.09	w11main2	93494	
98.68	w11main1	760492	10.0218
98.68	w11main1	760492	
98.68	w11main1	760492	
63.36	w11main1	424042	10.0387
63.36	w11main1	424042	
63.36	w11main1	424042	
75.62	w11main2	56310	12.1048
15.67	w11main2	56310	
6.19	w11main2	56310	

Compound	CAS No.	Match Factor	Probablilty %
Propane	74-98-6	928	91.64
Propane	74-98-6	927	91.64
Propane	74-98-6	917	91.64
Acetaldehyde	75-07-0	926	59.28
Formic acid, ethenyl ester	692-45-5	903	21.65
Formic acid, ethenyl ester	692-45-5	896	21.65
Methanol	67-56-1	974	53.98
Nitrogen oxide (NO)	10102-43-9	964	38.11
Methanol	67-56-1	955	53.98
3,4-Dihydro-2,2-dimethylfuran-2,5-dione	0-00-0	774	19.32
Oxetane, 3,3-dimethyl-	6921-35-3	772	17.82
3,4-Dimethyldihydro-2,5-furandione	7475-92-5	760	11.87
Cyclobutane	287-23-0	753	24.39
1-Butene	106-98-9	741	16.24
1-Propene, 3-(ethenyloxy)-	3917-15-5	734	12.44
Ethanol	64-17-5	940	89.64
Ethanol	64-17-5	910	89.64
Ethanol	64-17-5	910	89.64
2-Propanone	67-64-1	920	53.31
2-Propanone	67-64-1	920	53.31
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one	54889-59-7	884	13.17
2,2,2-Trichloroethyl acetate	625-24-1	814	56.35
1,3-Oxazolidine	504-76-7	766	11.68
Cyclobutylamine	2516-34-9	751	7.07
[(1S,2S)-2-phenylcyclopropyl]methanol	29667-46-7	920	38
(R)-2-phenyl-2,3-dihydropyridin-4(1H)-one	0-00-0	899	16.16
Ethyl 2,2-dimethyl-6-oxa-1-azabicyclo[3.1.0]hexan-4-yl carbonate	0-00-0	894	13.03
2,5-Dioxotetrahydro-3-furanyl acetate	59025-03-5	998	85.55
1-Triazene-1-carboxamide, 3,3-dimethyl-N-(1-methylethyl)-	88014-82-8	906	7.16
7,8-Dioxatricyclo[4.2.2.02,5]dec-9-en-3-ol, acetate	99140-92-8	887	3.47
Methane, bromochloro-	74-97-5	879	98.67
Methane, bromochloro-	74-97-5	868	98.67
Methane, bromochloro-	74-97-5	829	98.67
Acetic acid ethyl ester	141-78-6	904	66.78
Acetic acid ethyl ester	141-78-6	895	66.78
Acetic acid ethyl ester	141-78-6	887	66.78
Benzene, 1,2-difluoro-	367-11-3	892	50.54
Benzene, 1,4-difluoro-	540-36-3	878	31.63
Benzene, 1,4-difluoro-	540-36-3	867	31.63

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719008.D
Sample : Sample 13

Library	Peak sum (TIC)	Retention time (mins)
w11main1	1051797	3.4213
w11main1	1051797	
w11main1	1051797	
w11main1	1307715	5.1889
w11main1	1307715	
w11main1	1307715	
w11main1	1844861	5.9281
w11main1	1844861	
w11main1	1844861	
w11main1	226315	5.94
w11main1	226315	
w11main1	226315	
w11main1	45956	6.0731
w11main1	45956	
w11main1	45956	
w11main1	58375408	6.2
w11main1	58375408	
w11main1	58375408	
w11main1	702775	6.324
w11main1	702775	
w11main1	702775	
w11main1	43527	6.8766
w11main1	43527	
w11main1	43527	
w11main1	60188	7.3126
w11main1	60188	
w11main1	60188	
w11main1	64304	7.344
w11main1	64304	
w11main1	64304	
w11main1	744545	7.5135
w11main1	744545	
w11main1	744545	
w11main1	430630	7.7516
w11main1	430630	
w11main1	430630	
w11main1	882430	7.7554
w11main1	882430	
w11main1	882430	

Compound
Tetradeuteroethene
Tetradeuteroethene
Tetradeuteroethene
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Formic acid, ethenyl ester
Acetic acid, trichloro-, propyl ester
Propane, 2-methyl-
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
Methanol
Nitrogen oxide (NO)
Methanol
2-Butene, (Z)-
(2E)-2-Butene
1-Butene
Piperidine, 1-(1-propenyl)-
o-Allylhydroxylamine
(5R)-1-[1-[(Butylamino)methyl]ethenyl]-2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-ol
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
Propanenitrile, 2-hydroxy-2-methyl-
3,4-Heptanedione, 2,2,6-trimethyl-6-nitro-, 4-oxime
Valeraldehyde, 4,4-dimethyl-2-methylene-
4-tert-butyl-1-(trifluoromethyl)cyclohexanol
(+-)-(1R*,5R*,6R*,7S*,8R*,9R*10R*)-5-Acetyl-10-hydroxy-7,9-bis(methoxymethoxy)-8-methyl-bicyclo[4.4.0]decan-3-one
2-Hydroxy-2-methylmalonic acid
2-Propanol
2-Ethylheptanal
2,4,4-Trimethyl-1-penten-3-ol
2-Propen-1-ol, 2-methyl-
Pentane
Pentane
Pentane

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
683-73-8	915	82.63	w11main1	3293058
683-73-8	915	82.63	w11main1	3293058
683-73-8	871	82.63	w11main1	3293058
74-98-6	915	89.95	w11main1	1003710
74-98-6	915	89.95	w11main1	1003710
74-98-6	900	89.95	w11main1	1003710
75-07-0	919	60.32	w11main1	1251468
75-07-0	908	60.32	w11main1	1251468
692-45-5	886	15.79	w11main1	1251468
13313-91-2	834	34.2	w11main1	95760
75-28-5	822	22.78	w11main1	95760
6/8/4375	812	16.08	w11main2	95760
67-56-1	975	51.74	w11main1	1798587
10102-43-9	969	40.67	w11main1	1798587
67-56-1	955	51.74	w11main1	1798587
590-18-1	903	21.87	w11main1	175522
624-64-6	903	21.87	w11main1	175522
106-98-9	902	21.02	w11main1	175522
9/4/7182	768	30.72	w11main1	15564
6542-54-7	752	17.69	w11main1	15564
0-00-0	749	15.63	w11main1	15564
64-17-5	939	89.55	w11main1	40487255
64-17-5	909	89.55	w11main1	40487255
64-17-5	906	89.55	w11main1	40487255
67-64-1	895	52.27	w11main1	884376
67-64-1	884	52.27	w11main1	884376
75-86-5	866	14.81	w11main1	884376
61924-09-2	848	25.07	w11main1	96385
5375-28-0	845	22.15	w11main1	96385
120714-68-3	835	15.64	w11main1	96385
0-00-0	835	44.11	w11main2	206800
595-98-2	811	14.78	w11main1	206800
67-63-0	795	8.51	w11main1	206800
0-00-0	803	61.08	w11main1	25154
0-00-0	780	22.3	w11main1	25154
513-42-8	702	2.63	w11main1	25154
109-66-0	875	73.57	w11main1	108703
109-66-0	866	73.57	w11main1	108703
109-66-0	848	73.57	w11main1	108703

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719010.D
Sample : Sample 14

Retention time (mins)
3.4446
5.232
5.95
5.9698
6.098
6.2265
6.9
7.3338
7.3628
7.5334
7.7777
8.7048
8.7051

Compound
Oxygen
Oxygen
Oxygen
Propane
Propane
Propane
Acetaldehyde
Acetaldehyde
Formic acid, ethenyl ester
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
1-Tetrazol-2-ylethanone
Butanoic acid, 3-oxo-, 2-methylpropyl ester
Methanol
Methanol
Nitrogen oxide (NO)
(2E)-2-Butene
1-Butene
2-Butene, (Z)-
Ethanol
Ethanol
Ethanol
(Octahydro-7a-methylbenzofuran-6-yl) Formate
Propanenitrile, 2-hydroxy-2-methyl-
(4S)-4,5-Epoxy-2-pentanone
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime
Acetic acid, trichloro-, butyl ester
1,3,5-Triazine, 1,3,5-triethylhexahydro-
2-Propanol
2-Propanol
4-Penten-2-ol
Pentane
Pentane
Pentane
1-Propanol
1-Propanol
Formic acid, propyl ester
Sphinganine
5-Fluoro-2,2-dimethyl-4-propyl-5-trifluoromethyl-1,3-dioxane
6-O-Acetyl-1-O-ethylmannopyranoside

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
7782-44-7	942	77.47	w11main1	3614780
7782-44-7	942	77.47	w11main1	3614780
7782-44-7	942	77.47	w11main1	3614780
74-98-6	927	91.46	w11main1	1925488
74-98-6	927	91.46	w11main1	1925488
74-98-6	908	91.46	w11main1	1925488
75-07-0	915	59.27	w11main1	1613071
75-07-0	897	59.27	w11main1	1613071
692-45-5	886	16.79	w11main1	1613071
6/8/4375	856	59.4	w11main2	97150
51410-11-8	814	13.33	w11main1	97150
7779-75-1	798	7.67	w11main1	97150
67-56-1	981	71.07	w11main1	3333256
67-56-1	964	71.07	w11main1	3333256
10102-43-9	956	21.67	w11main1	3333256
107-01-7	926	25.44	w11main1	214796
106-98-9	921	20.5	w11main1	214796
590-18-1	910	14.06	w11main1	214796
64-17-5	934	88.26	w11main1	62564361
64-17-5	910	88.26	w11main1	62564361
64-17-5	905	88.26	w11main1	62564361
0-00-0	877	29.96	w11main1	1119367
75-86-5	870	22.95	w11main1	1119367
0-00-0	849	9.76	w11main1	1119367
0-00-0	778	35.16	w11main1	162723
7/6/3657	740	8.42	w11main1	162723
7779-27-3	737	7.44	w11main1	162723
67-63-0	874	51.72	w11main1	651484
67-63-0	866	51.72	w11main1	651484
625-31-0	855	25.11	w11main1	651484
109-66-0	931	77.59	w11main1	190761
109-66-0	931	77.59	w11main1	190761
109-66-0	929	77.59	w11main1	190761
71-23-8	771	60.15	w11main1	78499
71-23-8	743	60.15	w11main1	78499
110-74-7	721	12.24	w11main1	78499
0-00-0	813	10.36	w11main2	11206
0-00-0	813	10.36	w11main1	11206
0-00-0	813	10.36	w11main1	11206

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719012.D
Sample : Sample 15

Retention time (mins)
5.2226
5.9387
6.2133
6.8859
7.321
7.3508
7.5207
7.7611
7.7627
9.1611
9.4251
9.4298
10.0075
10.027

Compound
Propane
Propane
Propane
Acetaldehyde
Formic acid, ethenyl ester
Propanenitrile, 2-hydroxy-
1-Propene, 2-methyl-
1-Butene
1-Butene
Ethanol
Ethanol
Ethanol
2-Propanone
2-Propanone
4,8-Dimethyl-3,5,6,7-tetrahydro-2H-s-indacen-1-one
Aziridine, 1-methyl-
Azetidine
Methane, isocyanato-
(+-)-(1R*,5R*,6R*,7S*,8R*,9R*10R*)-5-Acetyl-10-hydroxy-7,9-bis(methoxymethoxy)-8-methyl-bicyclo[4.4.0]decan-3-one
(+)-Lactic acid
(+)-Lactic acid
Butyne-1,4-diol
Propane, 2-methyl-
Propane, 1-chloro-2-methyl-
(5S,5aR,8aS,9R)-5-hydroxy-9-(3,4,5-trimethoxyphenyl)-5a,6,8a,9-tetrahydro-5H-isobenzofuro[5,6-f][1,3]benzodioxol-8-or
Acetic acid ethenyl ester
2-Butanone, 3-methyl-
2,3-Butanedione
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Benzenemethanol, 2-bromo-a-[[(1-methylethyl)amino]methyl]-5-nitro-, monohydrochloride
N,N-Diethyl-2-fluoro-3-hydroxy-3-(p-tolyl)-2-trifluoro-methylpropanamide
N,N-Diethyl-2-fluoro-3-hydroxy-3-(4-methoxyphenyl)-2-trifluoromethylpropanmide
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Propanoic acid, 2-oxo-
Propanoic acid, 2-oxo-

CAS No.	Match Factor	Probablilty %	Library	Peak sum (TIC)
74-98-6	940	91.61	w11main1	1235739
74-98-6	939	91.61	w11main1	1235739
74-98-6	917	91.61	w11main1	1235739
75-07-0	905	41.85	w11main1	932177
692-45-5	887	21.58	w11main1	932177
78-97-7	884	19.07	w11main1	932177
115-11-7	874	23.98	w11main1	192553
106-98-9	874	23.98	w11main1	192553
106-98-9	862	23.98	w11main1	192553
64-17-5	944	89.91	w11main1	23454223
64-17-5	918	89.91	w11main1	23454223
64-17-5	911	89.91	w11main1	23454223
67-64-1	952	64.27	w11main1	656056
67-64-1	948	64.27	w11main1	656056
54889-59-7	888	10.56	w11main1	656056
1072-44-2	827	63.51	w11main1	72930
503-29-7	756	9.04	w11main1	72930
624-83-9	746	6.38	w11main1	72930
0-00-0	914	59.28	w11main2	151195
79-33-4	865	12.17	w11main1	151195
50-21-5	865	12.17	w11main1	151195
0-00-0	742	75.15	w11main1	21749
75-28-5	861	36.97	w11main1	84924
513-36-0	844	20.18	w11main1	84924
6/8/4375	842	18.61	w11main2	84924
108-05-4	907	49.34	w11main1	49452
563-80-4	884	18.02	w11main1	49452
431-03-8	883	17.32	w11main1	49452
683-73-8	835	49.19	w11main1	507082
683-73-8	835	49.19	w11main1	507082
7782-44-7	832	43.47	w11main1	507082
56759-52-5	788	4.91	w11main2	11674
0-00-0	788	4.91	w11main2	11674
0-00-0	788	4.91	w11main2	11674
74-97-5	889	98.67	w11main1	728953
74-97-5	880	98.67	w11main1	728953
74-97-5	834	98.67	w11main1	728953
127-17-3	865	46.16	w11main1	142568
127-17-3	844	46.16	w11main1	142568

Data Path : E:\Agilent St Gobain plus pfas\
Data File : 041719014.D
Sample : Sample 16

Retention time (mins)
5.2204
5.9409
5.9603
6.0774
6.2141
6.8895
7.3234
7.3561
7.522
7.7663
9.0127
9.156
9.165

Compound	CAS No.	Match Factor	Probablilty %
Propane	74-98-6	943	91.99
Propane	74-98-6	942	91.99
Propane	74-98-6	918	91.99
Acetaldehyde	75-07-0	903	45.46
Acetaldehyde	75-07-0	890	45.46
Acetaldehyde	75-07-0	883	45.46
Propane, 2-methyl-	75-28-5	898	66.05
Propane, 2-methyl-	75-28-5	879	66.05
Propane, 2-methyl-	75-28-5	879	66.05
Nitrogen oxide (NO)	10102-43-9	977	73.24
Methanol	67-56-1	951	21.94
Methanol	67-56-1	932	21.94
1-Propene, 2-methyl-	115-11-7	908	62.34
1-Propene, 2-methyl-	115-11-7	854	62.34
1-Propene, 2-methyl-	115-11-7	846	62.34
Ethanol	64-17-5	945	90
Ethanol	64-17-5	917	90
Ethanol	64-17-5	908	90
2-Propanone	67-64-1	880	31.26
2-Propanone	67-64-1	879	31.26
Propanenitrile, 2-hydroxy-2-methyl-	75-86-5	864	18
Di-tert-butylphosphine-D	40244-91-5	838	40.35
Valeraldehyde, 4,4-dimethyl-2-methylene-	5375-28-0	822	23.24
Propane, 2-methyl-2-nitro-	594-70-7	818	19.63
2-Propanol	67-63-0	820	23.2
4-Penten-2-ol	625-31-0	806	14.52
4-Penten-2-ol	625-31-0	805	14.52
Pentane	109-66-0	892	73.68
Pentane	109-66-0	883	73.68
Pentane	109-66-0	883	73.68
1-Methyl-1-(trimethylsilyl)-1-butanone	0-00-0	853	67.96
1,1-Dimethoxybutan-2-one	6342-57-0	790	11.39
6-Chloro-1,1-dimethoxy-2-hexanone	0-00-0	788	10.5
1H-Tetrazole	288-94-8	840	63.93
1H-Tetrazole	288-94-8	818	63.93
Cyclobutanone	1191-95-3	787	12.64
4-Bromo-5-azidooctane	0-00-0	853	61.24
1-(2-ethyl-2-oxiranyl)-2-propanone	0-00-0	829	20.52
4-pentene-2,3-dione	0-00-0	761	3.11

Library	Peak sum (TIC)
w11main1	1685835
w11main1	1685835
w11main1	1685835
w11main1	919934
w11main1	919934
w11main1	919934
w11main1	73752
w11main1	73752
w11main1	73752
w11main1	1051679
w11main1	1051679
w11main1	1051679
w11main1	159970
w11main1	159970
w11main1	159970
w11main1	26861046
w11main1	26861046
w11main1	26861046
w11main1	683760
w11main1	683760
w11main1	683760
w11main1	79344
w11main1	79344
w11main1	79344
w11main1	579902
w11main1	579902
w11main1	579902
w11main1	116050
w11main1	116050
w11main1	116050
w11main1	66619
w11main1	66619
w11main1	66619
w11main1	8455
w11main1	8455
w11main1	8455
w11main1	102367
w11main1	102367
w11main1	102367

17.8435

18.4023
21.2017

22.2513

22.2552

24.1255

Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Chlorobenzene-d5
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
1-Benzylcyclopentanecarbaldehyde
4',5'-Diazaspiro(cyclopropane-1,2'-tricyclo[4.3.0.0(3,7)]non-4'-ene
3-[3-(Benzyloxy)prop-2-enylidene]tetrahydrofuran-2-one
Pyridine, 2-(butoxymethyl)-
2-Thujene
Benzeneethan-ß-d-ol, a-methyl-, (R*,S*)-
Bis(2,6-dimethyl-4-methoxyphenyl)-(1-methyl)butylborane
11,12-Dihydro-5H,10H-5a,10-ethano-12-ethoxy-11,16b-methanodibenzo[3,4:8,9}cyclonona[1,2-b]naphtho[1,2-e]pyran-2
(1-ethyl-1-methyl-butyl)-bis(4-methoxy-2,6-dimethyl-phenyl)borane

541-05-9	881	47.09	w11main1	341132
541-05-9	875	47.09	w11main1	341132
541-05-9	853	47.09	w11main1	341132
3114-55-4	922	98.2	w11main1	934152
1072-85-1	880	35.39	w11main1	509934
1073-06-9	880	35.39	w11main1	509934
460-00-4	870	24.99	w11main1	509934
0-00-0	844	79.21	w11main1	26352
94348-09-1	783	13.79	w11main1	26352
0-00-0	746	3.35	w11main1	26352
89290-78-8	826	32.85	w11main1	26753
28634-89-1	825	31.58	w11main1	26753
80225-32-7	811	19.77	w11main1	26753
0-00-0	848	27.31	w11main2	68670
135144-09-1	838	19.28	w11main2	68670
0-00-0	820	9.94	w11main2	68670

12.1006

12.1774

12.1859

12.1886

12.51

14.2269

14.2353

15.5931

18.4056
21.1953
21.2052

Benzene, 1,2-difluoro-	367-11-3	905	49.72
Benzene, 1,4-difluoro-	540-36-3	889	28.63
Benzene, 1,4-difluoro-	540-36-3	887	28.63
Pentane, 2,2,3-trimethyl-	564-02-3	740	17.96
Pentane, 2,2,3-trimethyl-	564-02-3	734	17.96
Pentane, 3-methyl-	96-14-0	727	11.6
trans-2,4-Dimethyltetrahydrofuran	39168-02-0	758	64.26
cis-2,4-Dimethyltetrahydrofuran	0-00-0	734	21.53
1-Pentanethiol, 2-methyl-	1633-89-2	862	74.41
O-hexylhydroxylamine	4665-68-3	750	4.64
Cyanic acid, 2-methylpropyl ester	1768-25-8	750	4.64
Acetic acid, trichloro-, 3-methylbutyl ester	57392-55-9	753	8.82
Hydroxylamine, O-(2-methylpropyl)-	5618-62-2	753	8.82
Heptane, 4-azido-	27126-22-3	752	8.47
(1E)-1-Propenyl propyl ether	3424-89-3	772	35.26
(1Z)-1-Propenyl propyl ether	14360-78-2	772	35.26
(1Z)-1-Propenyl propyl ether	14360-78-2	728	35.26
Acetic acid, 2-propenyl ester	591-87-7	839	20.56
2-Heptanone, 5-methyl-	18217-12-4	828	14.1
Propane, 2-nitro-	79-46-9	826	13
1,3,5-Cycloheptatriene	544-25-2	909	27.78
Benzene, methyl-	108-88-3	906	24.54
1,3,5-Cycloheptatriene	544-25-2	899	27.78
Chlorobenzene-d5	3114-55-4	932	98.49
Diisopropyl [(3-isopropyl-2H-azirin-2-yl)methyl]phosphonate	0-00-0	717	79.3
Benzene, 1-bromo-4-fluoro-	460-00-4	878	41.43
Benzene, 1-bromo-2-fluoro-	1072-85-1	866	27.59
Benzene, 1-bromo-3-fluoro-	1073-06-9	866	27.59

w11main1	1071420	9.1959
w11main1	1071420	
w11main1	1071420	9.2946
w11main1	39858	
w11main1	39858	
w11main1	39858	9.9981
w11main1	45160	
w11main1	45160	
w11main1	193909	10.0065
w11main1	193909	
w11main1	193909	
w11main1	209829	10.0097
w11main1	209829	
w11main1	209829	
w11main1	12417	10.1995
w11main1	12417	
w11main1	12417	12.0899
w11main1	170272	
w11main1	170272	
w11main1	170272	12.1773
w11main1	4146675	
w11main1	4146675	
w11main1	4146675	12.2884
w11main1	915086	
w11main1	38796	
w11main1	494586	12.4998
w11main1	494586	
w11main1	494586	
		14.2086
		14.2089
		15.5944
		17.8309
		17.8395
		18.0388
		18.0423

2H-Pyran-2,6(3H)-dione, dihydro-
Azetidine, 2-methyl-
Propane, 2-nitro-
Propane, 1-nitro-
Propane, 2-nitro-
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
L-Alanine
4-(2-Amino-1-hydroxyethyl)-1,2-benzenediol
L-Alanine, ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
2-ketopropionic acid ethyl ester
Dihydroxy acetone
(S)-1,2,4-Butanetriol 1,4-diacetate
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
O-hexylhydroxylamine
Hexane, 2-methyl-
Hexane, 2-methyl-
1,5-Hexadiene, 1-fluoro-, (E)-
N-n-Butyl-N'-n-pentyldiazene
4,4,6-trimethyl-1,3,2-dioxathiane 2-oxide
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
5-Nonanone
3-Phosphinoacrylonitrile
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
6-(1',2'-Dihydroxypropyl)-1-methylpteridine-2,4-dione
1-[4'-(Hydroxybenzyl]-5,6-dimethoxy-7-hydroxy-1,2,3,4-tetrahydro-isoquinoline
1-[4'-(Hydroxybenzyl]-6,7-dimethoxy-5-hydroxy-1,2,3,4-tetrahydro-isoquinoline
Benzoic acid, 3-formyl-2,4-dimethoxy-6-methyl-, 4-carboxy-3-hydroxy-2,5-dimethylphenyl ester
7-chloranyl-3,3-dimethyl-2,9b-dihydro-[1,3]oxazolo[2,3-a]isoindol-5-one
Benzoic acid, 3-[(2,4-dimethoxy-6-propylbenzoyl)oxy]-2-hydroxy-4-methoxy-6-propyl-
1-Nonoxy-2-propanol
Octyl (t-Butyl) Carbonate
5-(1-Dimethylaminoethylidene)cyclopenta-1,3-dienyl]hydroxyacetic acid ethyl ester
Hexane, 2-bromo-
Octane

108-55-4	836	89.75	w11main1	56849
19812-49-8	733	6.33	w11main1	56849
79-46-9	952	85.13	w11main1	25021
108-03-2	876	10.72	w11main1	25021
79-46-9	867	85.13	w11main1	25021
74-97-5	896	98.67	w11main1	905819
74-97-5	885	98.67	w11main1	905819
74-97-5	836	98.67	w11main1	905819
56-41-7	766	15.46	w11main1	110081
51-41-2	764	14.26	w11main1	110081
3082-75-5	756	10.63	w11main1	110081
141-78-6	853	44.5	w11main1	1786434
141-78-6	848	44.5	w11main1	1786434
617-35-6	845	33.19	w11main1	1786434
0-00-0	868	80.46	w11main1	56791
76282-46-7	827	18.36	w11main1	56791
367-11-3	898	43.09	w11main1	1020258
540-36-3	893	34.73	w11main1	1020258
540-36-3	885	34.73	w11main1	1020258
4665-68-3	821	28.08	w11main1	427904
591-76-4	820	26.99	w11main1	427904
591-76-4	817	26.99	w11main1	427904
107557-13-1	765	49.22	w11main1	65498
0-00-0	747	25.38	w11main1	65498
0-00-0	708	5.98	w11main1	65498
589-34-4	835	31.25	w11main1	405623
589-34-4	834	31.25	w11main1	405623
589-34-4	814	31.25	w11main1	405623
502-56-7	732	58.77	w11main1	73721
0-00-0	704	16.97	w11main1	73721
108-10-1	880	33.72	w11main1	998329
0-00-0	878	31.1	w11main1	998329
108-10-1	867	33.72	w11main1	998329
544-25-2	891	18.4	w11main1	396981
544-25-2	888	18.4	w11main1	396981
544-25-2	885	18.4	w11main1	396981
0-00-0	817	37.18	w11main1	14214
0-00-0	812	29.97	w11main2	14214
0-00-0	806	23.55	w11main2	14214
125304-79-2	805	7.58	w11main2	96717
0-00-0	805	7.58	w11main1	96717
69563-42-4	799	5.95	w11main2	96717
13320-37-1	773	52.93	w11main1	39114
0-00-0	709	8.69	w11main1	39114
0-00-0	707	8.02	w11main1	39114
3377-86-4	850	22.51	w11main1	297246
111-65-9	848	20.77	w11main1	297246

10.018

10.0309

12.1061

12.1901

12.1929

12.2985

12.5147

14.2261

15.6055

18.0465

18.4058
19.5496

19.553

21.195

21.2036

21.9008

22.2549

Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
(R)-and-(S)-4-Bromomethyl-dihydrofuran-2-one
1,6-Octadien-3-ol, 7-methyl-3-(trifluoromethyl)-
2-methyl-2-[(2R)-2-oxiranyl]-3-pentanone
Pentane, 2,4-dimethyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
N-Butoyl-6-hydroxyhexanamide
(3R,6S)-3-isobutyl-6-isopropyl-3-methyl-5-phenyl-3,6-dihydro-2H-1,4-oxazin-2-one
Propane, 2-nitro-
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
Butanoic acid, 3-oxo-, 2-propenyl ester
Tricyclo[4.1.0.0(2,7)]hept-3-ene
(4E)-hepta-1,2,4,6-tetraene
[(E)-3-chloranylprop-2-enoxy]methylbenzene
Heptane, 2,4-dimethyl-
Heptane, 2,3-dimethyl-
Hexane, 2,3,4-trimethyl-
Chlorobenzene-d5
Hexane, 3-ethyl-4-methyl-
Heptane, 3,4-dimethyl-
1-Butanol, 2-methyl-, propanoate
Hexane, 3-ethyl-
Hexane, 3-ethyl-
Heptane, 2,3-dimethyl-
1-(3,5-dichloro-4-pyridinyl)ethanone
N-(2,6-dichlorophenyl)-N-methyl-nitrous amide
Benzaldehyde, 3,4-dichloro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
4,5,6,6a,7a,6-hexahydrooxireno[4.5]cycloocta[1,2-d][1,2,3]-selenodiazol
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid
3,3-Di-2-propenyl-2,2-dioxide-1,2-oxathiolane
3-Thujene

74-97-5	873	98.69	w11main1	940475
74-97-5	872	98.69	w11main1	940475
74-97-5	818	98.69	w11main1	940475
141-78-6	900	65.5	w11main1	1077837
141-78-6	900	65.5	w11main1	1077837
141-78-6	888	65.5	w11main1	1077837
367-11-3	910	56.79	w11main1	1094113
540-36-3	890	25.87	w11main1	1094113
540-36-3	879	25.87	w11main1	1094113
0-00-0	782	60.46	w11main1	41423
69856-62-8	752	16.8	w11main1	41423
0-00-0	719	4.4	w11main1	41423
108-08-7	854	39.69	w11main1	213062
591-76-4	840	24.84	w11main1	213062
591-76-4	840	24.84	w11main1	213062
0-00-0	830	45.83	w11main1	26484
0-00-0	815	27.77	w11main1	26484
79-46-9	767	5.75	w11main1	26484
589-34-4	849	45.81	w11main1	212144
589-34-4	838	45.81	w11main1	212144
589-34-4	831	45.81	w11main1	212144
0-00-0	846	40.4	w11main1	586054
108-10-1	832	25.29	w11main1	586054
1118-84-9	828	21.37	w11main1	586054
35618-58-7	965	42.53	w11main1	58570
69961-24-6	948	23.21	w11main1	58570
108788-75-6	902	4.9	w11main1	58570
2213-23-2	872	40.83	w11main1	625884
3074-71-3	829	9	w11main1	625884
921-47-1	825	7.61	w11main1	625884
3114-55-4	893	98.31	w11main1	891859
3074-77-9	822	58.66	w11main1	35993
922-28-1	803	28.48	w11main1	35993
2438-20-2	738	4.58	w11main1	35993
619-99-8	839	30.01	w11main1	161022
619-99-8	830	30.01	w11main1	161022
3074-71-3	828	20.59	w11main1	161022
0-00-0	738	36.25	w11main1	67491
0-00-0	728	25.59	w11main1	67491
6287-38-3	714	16.02	w11main1	67491
1073-06-9	874	38.11	w11main1	688884
460-00-4	871	33.67	w11main1	688884
1072-85-1	866	27.14	w11main1	688884
106543-66-2	842	44.44	w11main1	91269
53292-20-9	836	34.93	w11main1	91269
75732-42-2	768	5.29	w11main1	91269
5/2/2867	812	16.96	w11main1	320179

9.0121

9.2022

9.304

10.0073

10.0176

10.0252

10.1999

12.0983

12.1855

12.296

12.2961

12.5065

13.3737

13.3763

14.2081

14.21

2-[13C]-2-Tetrahydrofuryl-methanol	0-00-0	781	15.65
1,1-Dimethoxy-3-(4-nitrophenyl)propan-2-one	0-00-0	918	35.92
1-Dimethoxymethyl-5-methyl-8-oxabicyclo[3.2.1]oct-6-en-3-one	0-00-0	908	25.36
Methyl 5,5-dimethoxy-4-oxopentanoate	66318-58-9	868	5.88
1-Chlorobutylacetate	0-00-0	823	17.29
(Z,Z)-1,4-Diacetoxy-1,6-dicyano-1,5-hexadiene	139131-45-6	823	17.29
N,N'-Ethylenebis(N-nitroacetamide)	922-89-4	765	3.18
2-Propen-1-ol, 2-methyl-, acetate	820-71-3	845	74.21
2,2,2-Trichloroethyl acetate	625-24-1	771	9.87
3-Nitro-1-butene	0-00-0	747	3.31
Methane, bromochloro-	74-97-5	891	98.55
Methane, bromochloro-	74-97-5	882	98.55
Methane, bromochloro-	74-97-5	825	98.55
Acetic acid ethyl ester	141-78-6	915	74.23
Acetic acid ethyl ester	141-78-6	913	74.23
Acetic acid ethyl ester	141-78-6	912	74.23
Sulfur diimide, bis[bis(1,1-dimethylethyl)bismuthino]-	91173-33-0	761	35.7
methyl N-(1,1-dimethylethyl)ethanimidate N-oxide	118891-57-9	760	34.31
Propane, 2-methyl-1-(propylthio)-	1741-84-0	714	7.24
Propanal, 3-ethoxy-	2806-85-1	808	53.19
Ethanol	64-17-5	792	30.63
Ethanol	64-17-5	762	30.63
Benzene, 1,2-difluoro-	367-11-3	895	40.91
Benzene, 1,4-difluoro-	540-36-3	890	32.97
Benzene, 1,3-difluoro-	372-18-9	883	25.26
Hexane, 2-methyl-	591-76-4	886	63.8
Hexane, 2-methyl-	591-76-4	868	63.8
Hexane, 2-methyl-	591-76-4	852	63.8
2-Hexene, 5-methyl-, (E)-	7385-82-2	727	15.35
Cyclobutane, ethyl-	4806-61-5	718	11.14
Methylcyclopropane	594-11-6	707	7.64
Ethyl 5-methyl-4-oxo-2-(trifluoromethyl)hexanoate	0-00-0	888	74.78
2-Octanone, 1-nitro-	16067-01-9	843	15.92
3-Nitro-2-pentanol	5447-99-4	813	4.42
Hexane, 3-methyl-	589-34-4	883	33.59
Heptane	142-82-5	875	25.06
Hexane, 3-methyl-	589-34-4	873	33.59
N-(Propa-1,2,dien-1-yl)azomethane	0-00-0	833	64.33
2-acetyl-4-pentenoic acid prop-2-ynyl ester	0-00-0	805	18.57
2-Propenal, 3-(2-furanyl)-	623-30-3	768	4.52
Butane, 2-methyl-	78-78-4	728	15.46
Hydroxylamine, O-(2-methylpropyl)-	5618-62-2	727	14.86
Butane, 2-methyl-	78-78-4	719	15.46
1-(t-Butylperoxy)-1-(4',4'-dichlorobutyl)cyclopentane	0-00-0	745	40.85
3,7-Dimethyl-5-oxooc-1-ene	1879-00-1	729	23.52
3-Methylbut-3-en-2-ol	0-00-0	710	11.42
2-Pentanone, 4-methyl-	108-10-1	876	38.23

w11main1	32015	9.1884
w11main1	66338	
w11main1	66338	
w11main1	66338	9.4134
w11main1	269751	
w11main1	269751	
w11main1	269751	9.987
w11main1	35791	
w11main1	35791	
w11main1	35791	9.9996
w11main1	973299	
w11main1	973299	
w11main1	973299	10.2538
w11main1	2826439	
w11main1	2826439	
w11main1	2826439	10.7367
w11main2	81311	
w11main1	81311	
w11main1	81311	10.9093
w11main1	87054	
w11main1	87054	
w11main1	87054	11.7799
w11main1	940833	
w11main1	940833	
w11main1	940833	12.0608
w11main1	964270	
w11main1	964270	
w11main1	964270	12.1501
w11main1	121620	
w11main1	121620	
w11main1	121620	12.2576
w11main1	144361	
w11main1	144361	
w11main1	144361	12.4671
w11main1	976074	
w11main1	976074	
w11main1	976074	13.3307
w11main1	33495	
w11main1	33495	
w11main1	33495	14.1754
w11main1	42031	
w11main1	42031	
w11main1	42031	15.5635
w11main1	70411	
w11main1	70411	
w11main1	70411	17.8253
w11main1	1558410	

Acetic acid, trichloro-, pentyl ester
Pentane, 2-methyl-
Hydroxylamine, O-pentyl-
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Ethyl 4-(adamantan-1-yl)benzoate
Acetic acid ethyl ester
Methane, nitroso-
(3S,4S)-3,4-Bis(methoxymethoxy)pyrrolidine
2-[4-(1H-1,2,3,4-Tetrazol-1-yl)phenyl]acetic Acid
Diethylborinic acid
2,2-dimethylpropanoic acid 2-methylpropyl ester
Decane, 2,2-dimethyl-
Butane, 2,2,3-trimethyl-
Decane, 5-methyl-
Butane, 2,2,3-trimethyl-
2-But-1-enyltetrahydrofuran
1-Propene, 3-(ethenyloxy)-
4-Pentenoic acid
Benzene, 1,2-difluoro-
Benzene, 1,3-difluoro-
Benzene, 1,4-difluoro-
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
Peroxide, dibutyl
Heneicosane, 11-(2,2-dimethylpropyl)-
1-Hexene, 5-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
3-(Difluoromethyl)heptane
Hydroxylamine, O-(2-methylpropyl)-
(CH3)2CHCH2ONO
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-Hexanone
5-Benzyloxy-4-tert-butyl-2-methyl-2-nonene
1-Benzyl-5-[4-(trifluoromethyl)phenyl]tetrazole
2-Benzyl-5-[4-(trifluoromethyl)phenyl]tetrazole
7-chloranyl-3,3-dimethyl-2,9b-dihydro-[1,3]oxazolo[2,3-a]isoindol-5-one
2-chloranyl-7-methoxy-3-methyl-quinoline

33972-81-5	847	56.17	w11main1	612633
107-83-5	806	12.81	w11main1	612633
5963-74-6	805	12.32	w11main1	612633
683-73-8	880	50.65	w11main1	568970
683-73-8	880	50.65	w11main1	568970
7782-44-7	876	42.79	w11main1	568970
74-97-5	942	98.79	w11main1	7041434
74-97-5	930	98.79	w11main1	7041434
74-97-5	928	98.79	w11main1	7041434
141-78-6	868	45.27	w11main1	4252282
0-00-0	864	38.24	w11main1	4252282
141-78-6	858	45.27	w11main1	4252282
865-40-7	878	8.56	w11main1	8277
0-00-0	863	5.19	w11main1	8277
0-00-0	863	5.19	w11main1	8277
4426-31-7	807	51.05	w11main1	36102
5129-38-4	778	14.46	w11main1	36102
17302-37-3	767	9.92	w11main1	36102
464-06-2	853	23.95	w11main1	125983
13151-35-4	845	17.87	w11main1	125983
464-06-2	843	23.95	w11main1	125983
0-00-0	786	43.26	w11main1	25843
3917-15-5	772	27.08	w11main1	25843
591-80-0	741	7.38	w11main1	25843
367-11-3	886	43.69	w11main1	6432643
372-18-9	875	29.97	w11main1	6432643
540-36-3	871	25.32	w11main1	6432643
591-76-4	903	63.75	w11main1	1196455
591-76-4	886	63.75	w11main1	1196455
591-76-4	878	63.75	w11main1	1196455
3849-34-1	792	15.5	w11main1	280146
55282-10-5	781	10.63	w11main2	280146
3524-73-0	772	7.72	w11main1	280146
589-34-4	850	25.93	w11main1	1170625
589-34-4	836	25.93	w11main1	1170625
589-34-4	832	25.93	w11main1	1170625
0-00-0	827	33.42	w11main1	100313
5618-62-2	824	29.53	w11main1	100313
542-56-3	806	15.23	w11main1	100313
108-10-1	893	44.45	w11main1	1460817
108-10-1	885	44.45	w11main1	1460817
591-78-6	874	21.58	w11main1	1460817
0-00-0	962	1	w11main2	23055
0-00-0	962	1	w11main2	23055
0-00-0	962	1	w11main2	23055
0-00-0	868	27.82	w11main1	64664
0-00-0	853	16.85	w11main1	64664

7.7609

9.1969

10.0008

10.0122

12.0952

12.1824

12.2938

12.5041

14.2135

15.5995

17.8413

18.0365
18.0384

18.3997
19.5466

20.3676

21.1665

Pentane
Pentane
Pentane
Pentane, 2-methyl-
Pentane, 2-methyl-
Acetic acid, trichloro-, pentyl ester
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
1-Pentanethiol, 2-methyl-
2-Hexene, 5-methyl-, (E)-
Cyclobutane, ethyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Butanone, 3,3-dimethyl-1-(methylsulfonyl)-, O-[(methylamino)carbonyl]oxime
[1-(benzoxymethyl)cyclohexa-2,5-dien-1-yl]methanol
3-Benzyloxy-1-bromo-propane
Benzoic acid, 3-formyl-2,4-dimethoxy-6-methyl-, 4-carboxy-3-hydroxy-2,5-dimethylphenyl ester
Perylene (pentaoxo)derivative
3-Chloro-1,8,8-trimethyl-6-oxo-2,7-diazabicyclo-[3.2.1]oct-3-ene-4,5-dicarbonitrile
3-Cyclopenten-1-ol
Heptane, 2,4-dimethyl-
Octane
Heptane, 2,4-dimethyl-
Chlorobenzene-d5
Hexane, 3-ethyl-
Hexane, 3-ethyl-
Octane, 4-methyl-
Ethanethioic acid, S-bicyclo[2.2.1]hept-2-en-7-yl ester, anti-
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid
4-brombicyclo[3.1.1]hept-2-en
(3aS,6aR)-5-methyl-3,3a,6,6a-tetrahydro-2H-pentalen-1-one
1,1-Di(cyclobutyl)cyclobutane
1,2-Benzenediamine, N(1)-(phenylmethyl)-

109-66-0	901	74	w11main1	180165
109-66-0	890	74	w11main1	180165
109-66-0	880	74	w11main1	180165
107-83-5	872	35.23	w11main1	536861
107-83-5	868	35.23	w11main1	536861
33972-81-5	867	28.4	w11main1	536861
74-97-5	880	98.61	w11main1	962364
74-97-5	868	98.61	w11main1	962364
74-97-5	817	98.61	w11main1	962364
141-78-6	879	70.28	w11main1	1774469
141-78-6	872	70.28	w11main1	1774469
141-78-6	843	70.28	w11main1	1774469
367-11-3	917	64.72	w11main1	1061149
540-36-3	892	19.74	w11main1	1061149
540-36-3	886	19.74	w11main1	1061149
591-76-4	872	58.71	w11main1	679510
591-76-4	870	58.71	w11main1	679510
591-76-4	857	58.71	w11main1	679510
1633-89-2	904	81.57	w11main1	142085
7385-82-2	786	4.52	w11main1	142085
4806-61-5	785	4.35	w11main1	142085
589-34-4	883	61.71	w11main1	565465
589-34-4	871	61.71	w11main1	565465
589-34-4	866	61.71	w11main1	565465
108-10-1	893	43.7	w11main1	894824
108-10-1	891	43.7	w11main1	894824
0-00-0	882	29.98	w11main1	894824
39184-59-3	920	17.63	w11main1	59253
74269-63-9	916	14.89	w11main1	59253
54314-84-0	912	12.58	w11main1	59253
125304-79-2	854	13.3	w11main2	23934
0-00-0	844	9.39	w11main2	23934
0-00-0	824	4.27	w11main1	23934
14320-38-8	702	10.04	w11main1	209090
2213-23-2	904	35.16	w11main1	1724846
111-65-9	872	9.39	w11main1	1724846
2213-23-2	871	35.16	w11main1	1724846
3114-55-4	895	98.72	w11main1	896785
619-99-8	897	43.86	w11main1	660031
619-99-8	874	43.86	w11main1	660031
2216-34-4	856	10	w11main1	660031
55883-39-1	762	26.83	w11main1	40556
53292-20-9	761	25.79	w11main1	40556
87031-11-6	745	14.85	w11main1	40556
109613-22-1	825	45.18	w11main1	30043
0-00-0	766	8.16	w11main1	30043
0-00-0	752	5.11	w11main1	30043

8.566

8.672

9.1911

9.1941
9.2951
9.4128

9.9968

10.0058

10.0171

10.0265

10.1834

10.1843

10.9258

11.8135

12.0903

12.1786

12.1786

12.2886

Isobutyraldehyde
Isobutyraldehyde
Isobutyraldehyde
Trideuteroethene
Trideuteroethene
Methylamine
Oxirane, ethyl-
Oxirane, ethyl-
Oxirane, ethyl-
2,5-Bis(tetrahydrofuran)
o-Allylhydroxylamine
2,2,2-Trichloroethyl acetate
2-Butanone
Acetic acid, anhydride
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Methane, isocyanato-
Methane, isocyanato-
Azetidine
2-Iodo-(N,N,N',N'-tetrakis(isopropyl)-ferrocene)-1,1'-dicarboxamide
Methyl (7S,10S,13S)-10-(4'-Phthalimidobutyl)-7-{[(benzyloxy)carbonyl]amino}-8,11-dioxo-19-oxa-9,12,17-triazatricyclo[1
Methanol, (methyl-onn-azoxy)-, acetate (ester)
2-(4-keto-2-thiazolin-2-yl)acetamide
Ethanol
Ethanol
Ethanol
1-Pentanethiol, 2-methyl-
1-Pentene, 4-methyl-
1-Pentene, 4-methyl-
1,3,9-Trioxaspiro[5.5]undecane
2-Butanethiol, 2-methyl-
Disulfide, bis(2,2-dimethylpropyl)
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,3-difluoro-
(Z)-2-Chloro-2-butenol
2-Butene-1,4-diol, (Z)-
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
1-Pentanethiol, 2-methyl-
Cyclobutane, ethyl-
1-Pentene, 4-methyl-

78-84-2	864	78.44	w11main1	57762
78-84-2	863	78.44	w11main1	57762
78-84-2	852	78.44	w11main1	57762
1/5/2680	791	45.32	w11main1	3223
1/5/2680	791	45.32	w11main1	3223
74-89-5	779	30.18	w11main1	3223
106-88-7	806	66.09	w11main1	105685
106-88-7	797	66.09	w11main1	105685
106-88-7	779	66.09	w11main1	105685
1592-33-2	730	42.21	w11main1	89122
6542-54-7	738	85.42	w11main1	23554
625-24-1	904	29.35	w11main1	90389
78-93-3	887	16.02	w11main1	90389
108-24-7	862	4.88	w11main1	90389
74-97-5	876	98.52	w11main1	921536
74-97-5	873	98.52	w11main1	921536
74-97-5	833	98.52	w11main1	921536
141-78-6	939	86.32	w11main1	3683893
141-78-6	938	86.32	w11main1	3683893
141-78-6	938	86.32	w11main1	3683893
624-83-9	773	38.84	w11main1	21562
624-83-9	766	38.84	w11main1	21562
503-29-7	748	11.84	w11main1	21562
0-00-0	802	78.84	w11main2	53879
0-00-0	743	14.25	w11main2	53879
592-62-1	794	81.76	w11main1	61044
87947-93-1	717	9.97	w11main1	61044
64-17-5	866	69.27	w11main1	245260
64-17-5	854	69.27	w11main1	245260
64-17-5	834	69.27	w11main1	245260
1633-89-2	809	31.77	w11main1	103070
691-37-2	804	25.6	w11main1	103070
691-37-2	803	25.6	w11main1	103070
429-36-7	971	80.7	w11main1	62911
1679-09-0	898	10.99	w11main1	62911
37552-63-9	873	3.35	w11main1	62911
367-11-3	904	56.77	w11main1	1058337
540-36-3	883	24.15	w11main1	1058337
372-18-9	875	18.01	w11main1	1058337
0-00-0	709	43.37	w11main1	41049
6117-80-2	703	34.09	w11main1	41049
591-76-4	868	50.02	w11main1	1402969
591-76-4	856	50.02	w11main1	1402969
591-76-4	854	50.02	w11main1	1402969
1633-89-2	864	45.71	w11main1	381927
4806-61-5	854	32.27	w11main1	381927
691-37-2	790	5.3	w11main1	381927

8.0937

8.5716

8.8214

9.1558

9.4079

9.4143

10.0001

10.0115

10.0265

10.1972

10.9259

11.6902

12.0893

12.1751

12.1797

12.2831

Pentane
anti-(Ra*,2'S*)-N,N'-Bis(4-heptyl)-2-(2'-benzyl-3'-methylbutoyl)-1-naphthamide
2-(hydroxymethyl)-N,N-bis(1-propylbutyl)naphthalene-1-carboxamide
[(4-Iodopentan-2-yloxy)bis(trimethylsilyl)silyl]trimethylstannane
Isobutyraldehyde
2-[13C]-2-Tetrahydrofuryl-methanol
Isobutyraldehyde
2-Butenal, (Z)-
(5E)-2,2-Dimethyl-4-oxaocta-5,7-dienal
2-Propenal, 2-methyl-
1,10-Secocholestan-1-al, 10-hydroxy-, (5ß)-
1-(2-ethyl-2-oxiranyl)-2-propanone
2,4-Pentanedione, 3,3-di-2-octenyl-, (E,E)-
4-Hexen-1-ol, 2,2,4-trimethyl-, (E)-
1,2-Oxathiolane, 3-methyl-, 2,2-dioxide
2-Propenoic acid
4-methyl-3-oxolanone
Pentanal, 4-oxo-
2,2,2-Trichloroethyl acetate
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
(4R,5S)-Diphenyl-3-(3-phenyl-2(E)-propenoyl)-2-oxazolidinone
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-
2-Iodo-(N,N,N',N'-tetrakis(isopropyl)-ferrocene)-1,1'-dicarboxamide
Ethanol
Ethanol
Ethanol
Propane, 2-nitro-
Propane, 1-nitro-
Propane, 2-nitro-
3,4-hexadien-1-yne
Benzene
Benzene
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
2-Pyrrolidinone
2-Pyrrolidinone
2-Pyrrolidinone
Hexane, 2-methyl-
Hexane, 2-methyl-
Hexane, 2-methyl-
Butane, 1-fluoro-

109-66-0	758	62.37	w11main1	149738
0-00-0	933	35.7	w11main2	26057
0-00-0	923	25.2	w11main2	26057
0-00-0	900	9.2	w11main2	26057
78-84-2	833	72.69	w11main1	32509
0-00-0	796	17.69	w11main1	32509
78-84-2	787	72.69	w11main1	32509
15798-64-8	793	26.84	w11main1	31886
0-00-0	792	25.8	w11main1	31886
78-85-3	789	22.8	w11main1	31886
96616-67-0	864	46.87	w11main2	257612
0-00-0	843	19.93	w11main1	257612
80403-74-3	843	19.93	w11main2	257612
99679-64-8	932	83.79	w11main1	4830
1121-03-5	874	15.42	w11main1	4830
79-10-7	748	0.68	w11main1	4830
0-00-0	907	31.05	w11main1	233205
626-96-0	905	28.64	w11main1	233205
625-24-1	900	23.08	w11main1	233205
74-97-5	892	98.89	w11main1	861050
74-97-5	876	98.89	w11main1	861050
74-97-5	821	98.89	w11main1	861050
141-78-6	924	74.85	w11main1	1946019
141-78-6	923	74.85	w11main1	1946019
141-78-6	914	74.85	w11main1	1946019
0-00-0	725	42.78	w11main2	62416
311-89-7	721	36.14	w11main2	62416
0-00-0	701	16.46	w11main2	62416
64-17-5	952	95.07	w11main1	75835
64-17-5	906	95.07	w11main1	75835
64-17-5	890	95.07	w11main1	75835
79-46-9	943	84.3	w11main1	23791
108-03-2	871	11.74	w11main1	23791
79-46-9	859	84.3	w11main1	23791
0-00-0	751	55.69	w11main1	47127
71-43-2	725	16.68	w11main1	47127
71-43-2	725	16.68	w11main1	47127
367-11-3	918	61.75	w11main1	905491
540-36-3	897	26.27	w11main1	905491
540-36-3	879	26.27	w11main1	905491
616-45-5	739	42.31	w11main1	117455
616-45-5	738	42.31	w11main1	117455
616-45-5	730	42.31	w11main1	117455
591-76-4	804	17.74	w11main1	432329
591-76-4	802	17.74	w11main1	432329
591-76-4	794	17.74	w11main1	432329
2366-52-1	787	20.03	w11main1	96275

9.0124

9.1667

9.3094

10.0112

10.0263

10.0383

12.099

12.1871

12.5149

14.2213

15.6004

17.8439

18.0428

18.0481

18.405
18.4153
19.5543

2-Butenal, (Z)-
2-Propenal, 2-methyl-
Silanol, trimethyl-
Silanol, trimethyl-
Silanol, trimethyl-
4-Bromo-5-azidooctane
1-(2-ethyl-2-oxiranyl)-2-propanone
2-Butanone, 3-methyl-
Isobutyraldehyde
2-[13C]-2-Tetrahydrofuryl-methanol
Isobutyraldehyde
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
(4R,5S)-Diphenyl-3-(3-phenyl-2(E)-propenoyl)-2-oxazolidinone
1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
1,1-Cyclopropanedicarbonitrile, 2-methyl-2-propyl-
trans-2-(2,2-Dichloroethyl)-3-methyloxetane
cis-2-(2,2-Dichloroethyl)-3-methyloxetane
Longipinandiolone
2-Decenoic acid
1-Pentanethiol, 2-methyl-
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Cyclobutene, 2-propenylidene-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
2-Butanone, 1-bromo-3,3-dimethyl-
Dibromomethyl t-butylketone
3-Hexanone, 2,5-dimethyl-
Heptane, 4-azido-
Pyrrolidine, 3-methyl-
4-Methyl-1-octene
Chlorobenzene-d5
2-[4'-(2",2"-(ethylenedioxy)cyclohex-1"-ylmethyl)phenoxy]ethyl} N-ethylcarbamate
[(6Z)-2-methoxy-3,6-dimethyl-5,8,9,10-tetrahydrobenzocycloocten-10-yl]methanol
Isoxazole, 3-(3-butenyl)-5-methyl-

15798-64-8	786	20.11	w11main1	39877
78-85-3	785	19.33	w11main1	39877
1066-40-6	921	80.17	w11main1	71764
1066-40-6	894	80.17	w11main1	71764
1066-40-6	866	80.17	w11main1	71764
0-00-0	789	22.3	w11main1	229671
0-00-0	774	13.51	w11main1	229671
563-80-4	770	11.42	w11main1	229671
78-84-2	831	65.59	w11main1	94835
0-00-0	805	19.65	w11main1	94835
78-84-2	774	65.59	w11main1	94835
74-97-5	882	98.7	w11main1	772950
74-97-5	876	98.7	w11main1	772950
74-97-5	825	98.7	w11main1	772950
141-78-6	877	57.07	w11main1	817280
141-78-6	861	57.07	w11main1	817280
141-78-6	858	57.07	w11main1	817280
0-00-0	744	53.92	w11main2	78036
311-89-7	730	33.75	w11main2	78036
367-11-3	907	56.1	w11main1	934670
540-36-3	887	25.55	w11main1	934670
540-36-3	882	25.55	w11main1	934670
16738-88-8	744	20.33	w11main1	35388
0-00-0	733	13.95	w11main1	35388
0-00-0	726	10.68	w11main1	35388
0-00-0	847	45.09	w11main1	93798
3913-85-7	826	19.18	w11main1	93798
1633-89-2	809	10.46	w11main1	93798
108-10-1	881	46.12	w11main1	608261
108-10-1	874	46.12	w11main1	608261
0-00-0	873	34.4	w11main1	608261
544-25-2	863	11.6	w11main1	219842
544-25-2	855	11.6	w11main1	219842
52097-85-5	853	8.19	w11main1	219842
541-05-9	924	75.54	w11main1	219577
541-05-9	913	75.54	w11main1	219577
541-05-9	890	75.54	w11main1	219577
5469-26-1	824	55.73	w11main1	37550
0-00-0	766	10.26	w11main1	37550
1888-57-9	766	10.26	w11main1	37550
27126-22-3	805	14.44	w11main1	124895
34375-89-8	793	9.62	w11main1	124895
13151-12-7	791	8.87	w11main1	124895
3114-55-4	871	98.62	w11main1	739761
0-00-0	711	73.14	w11main2	85861
0-00-0	874	37.49	w11main1	70241
130628-72-7	864	26.47	w11main1	70241

10.0282

10.1969

12.0989

12.1865

12.5061

12.5118

14.2213

15.5959

18.4039
21.201

22.2529

23.7348

24.3441
24.3471

25.3862

25.9272

26.7897

L-Alanine
1,4-Dioxane-2,6-dione
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Ethanol
Ethanol
Propanal, 3-ethoxy-
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,2-difluoro-
2-Octanone, 1-nitro-
Propane, 2-methyl-
Ethyl 5-methyl-4-oxo-2-(trifluoromethyl)hexanoate
Ethane, isocyanato-
Ethane, isocyanato-
Ethane, isocyanato-
Hydroxylamine, O-(3-methylbutyl)-
(Z)-2-(2-Hydroxyethyl)-1-(but-1-enyl)cyclopropanol
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
1,3,5-Cycloheptatriene
Benzene, methyl-
Benzene, methyl-
Chlorobenzene-d5
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
Cyclopropanecarboxylic acid, 2-(1,3-butadienyl)-, ethyl ester, [1a,2ß(E)]-
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
(R)-7-Benzenesulfonyl-2-methoxy-bicyclo[4.1.0]heptane
(3R)-3-(4'-Methylenecyclohex-2'-en-1'-yl)-butanenitrile
Ethanethioic acid, S-bicyclo[2.2.1]hept-2-en-7-yl ester, anti-
Cyclopentene, 3-propylidene-, (Z)-
Butane, 1-isocyano-
Hexane, 2,2-dimethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Valeraldehyde, 4,4-dimethyl-2-methylene-
Silane, trichloro(1,1-dimethylethyl)-
Acetonitrile, [(1,1-dimethylethyl)imino]-, N-oxide, (Z)-
Hexane, 2,3,4-trimethyl-
3-Methyl-1-azidobutan-2-one
1-Methylbutyl nitrite
Pentane, 1,3-epoxy-4-methyl-
4-Heptanone, 3-methyl-

56-41-7	774	36.77	w11main1	56945
4480-83-5	748	9.42	w11main1	56945
141-78-6	746	60.69	w11main1	868192
141-78-6	726	60.69	w11main1	868192
141-78-6	723	60.69	w11main1	868192
64-17-5	827	54.42	w11main1	42697
64-17-5	809	54.42	w11main1	42697
2806-85-1	804	19.87	w11main1	42697
367-11-3	901	67.52	w11main1	788988
540-36-3	875	20.23	w11main1	788988
367-11-3	862	67.52	w11main1	788988
16067-01-9	823	18.4	w11main1	123426
75-28-5	820	16.26	w11main1	123426
0-00-0	818	15	w11main1	123426
109-90-0	758	50.73	w11main1	22243
109-90-0	757	50.73	w11main1	22243
109-90-0	745	50.73	w11main1	22243
19411-65-5	710	29.13	w11main1	32781
0-00-0	701	21.15	w11main1	32781
108-10-1	879	52.29	w11main1	522531
108-10-1	870	52.29	w11main1	522531
0-00-0	857	20.67	w11main1	522531
544-25-2	914	32.14	w11main1	871866
108-88-3	897	17.54	w11main1	871866
108-88-3	893	17.54	w11main1	871866
3114-55-4	923	98.12	w11main1	820356
460-00-4	871	49.25	w11main1	558941
1073-06-9	855	28.36	w11main1	558941
1072-85-1	845	20.02	w11main1	558941
100678-72-6	835	23.01	w11main1	56643
59034-54-7	824	15.78	w11main1	56643
0-00-0	824	15.78	w11main1	56643
0-00-0	752	31.25	w11main1	44587
55883-39-1	727	9.53	w11main1	44587
132439-51-1	726	9.16	w11main1	44587
2769-64-4	706	18.96	w11main1	105921
590-73-8	871	13.85	w11main1	981748
13475-82-6	857	8.67	w11main1	981748
13475-82-6	848	8.67	w11main1	981748
5375-28-0	939	28.86	w11main1	62792
18171-74-9	933	22.68	w11main1	62792
118891-65-9	927	17.82	w11main1	62792
921-47-1	742	36.65	w11main1	33029
0-00-0	706	9.06	w11main1	33029
0-00-0	889	36.13	w11main1	12563
15045-60-0	839	7.35	w11main1	12563
15726-15-5	839	7.35	w11main1	12563

12.1046

13.836

14.2362

14.2363

18.4088
21.2062

22.2533

24.351

24.3557

Benzene, 1,2-difluoro-	367-11-3	881
Benzene, 1,4-difluoro-	540-36-3	871
Benzene, 1,4-difluoro-	540-36-3	868
R-(-)-2-Butyl-n-octyl carbonate	0-00-0	927
(5,5-dimethyl-3,4-dihydropyrrol-3-yl) 2,2-dimethylpropanoate	0-00-0	777
Tert-Heptyl Azide	0-00-0	756
Acetic acid, 2-propenyl ester	591-87-7	820
Acetic acid, 2-propenyl ester	591-87-7	813
Butanoic acid, 3-oxo-, 2-propenyl ester	1118-84-9	807
Alanine, 2-methyl-	62-57-7	721
Alanine, 2-methyl-	62-57-7	713
Alanine, 2-methyl-	62-57-7	713
Chlorobenzene-d5	3114-55-4	913
Benzene, 1-bromo-4-fluoro-	460-00-4	877
Benzene, 1-bromo-3-fluoro-	1073-06-9	876
Benzene, 1-bromo-2-fluoro-	1072-85-1	875
4,5,6,6a,7a,6-hexahydrooxireno[4.5]cycloocta[1,2-d][1,2,3]-selenodiazol	106543-66-2	870
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid	53292-20-9	781
Tricyclo(3.1.1.0*3.6)heptane-6-carbomethoxylic acid	0-00-0	756
Boric acid (H3BO3), tributyl ester	688-74-4	931
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime	0-00-0	887
Butane, 1-chloro-2-methyl-	616-13-7	860
1-Pentanethiol, 2-methyl-	1633-89-2	778
Butane, 1-isocyano-	2769-64-4	756
2-Hexene, 5-methyl-, (E)-	7385-82-2	731

48.88	w11main1	837133	14.2328
34.5	w11main1	837133	
34.5	w11main1	837133	
94.66	w11main1	14448	15.5988
2.65	w11main1	14448	
1.12	w11main1	14448	
31.75	w11main1	212692	17.8456
31.75	w11main1	212692	
20.51	w11main1	212692	
56.63	w11main1	34118	18.408
56.63	w11main1	34118	21.1966
56.63	w11main1	34118	
98.35	w11main1	792360	
33.59	w11main1	452127	21.2068
32.29	w11main1	452127	
31.03	w11main1	452127	
87.31	w11main1	24526	
7.54	w11main1	24526	
2.3	w11main1	24526	
62.88	w11main1	102455	
13.63	w11main1	102455	
4.01	w11main1	102455	
48.58	w11main1	26855	
19.2	w11main1	26855	
5.85	w11main1	26855	

2-Pentanone, 4-methyl-	108-10-1	851	34.62
2-Pentanone, 4-methyl-	108-10-1	840	34.62
2-[(4-Fluoranylphenoxy)methyl]oxirane	0-00-0	830	14.73
1,3,5-Cycloheptatriene	544-25-2	905	29.25
Benzene, methyl-	108-88-3	882	10.68
1,3,5-Cycloheptatriene	544-25-2	881	29.25
Cyclotrisiloxane, hexamethyl-	541-05-9	879	57.71
Cyclotrisiloxane, hexamethyl-	541-05-9	870	57.71
2-Naphthalenesulfonic acid	120-18-3	843	14.26
Chlorobenzene-d5	3114-55-4	903	98.42
2-Phenyl-6-aza-1,3-dioxa-2-borabenzo-cyclononene	0-00-0	725	28.07
1,7-Diethynylnaphthalene	0-00-0	716	20.37
2-Trifluoromethylbenzyl alcohol	346-06-5	715	19.58
Benzene, 1-bromo-3-fluoro-	1073-06-9	877	34.61
Benzene, 1-bromo-2-fluoro-	1072-85-1	876	33.26
Benzene, 1-bromo-4-fluoro-	460-00-4	874	30.68

w11main1	318463	8.5706
w11main1	318463	
w11main1	318463	
w11main1	1393843	9.0006
w11main1	1393843	
w11main1	1393843	
w11main1	65584	9.153
w11main1	65584	
w11main1	65584	
w11main1	726642	9.1563
w11main1	61946	
w11main1	61946	
w11main1	61946	9.4184
w11main1	464331	
w11main1	464331	
w11main1	464331	9.9998
		10.0158
		12.0886
		12.1766
		12.5011
		14.2276
		15.5962
		15.6005
		17.8426
		18.4034
		21.2052

Isobutyraldehyde
Isobutyraldehyde
Isobutyraldehyde
1,1-Dimethoxy-3-(4-nitrophenyl)propan-2-one
1-Dimethoxymethyl-5-methyl-8-oxabicyclo[3.2.1]oct-6-en-3-one
1,1-Dimethoxy-3,3-diphenylpropan-2-one
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide
Ethyl 2-ethyl-3-oxo-3-pentadecylfluoroheptylpropanoate
4-(4-Amino-5-(2,4-dichlorophenyl)-6-oxo-6,7,8,9-tetrahydropyrimido[4,5-b]quinolin-10(5H)-yl)benzenesulfonamide
3-ethyl-2-oxolanone
(2R,3S)-2-(hydroxymethyl)-3-pyrrolidinol
3-(3-Butenyl)butyrolactone
2,2,2-Trichloroethyl acetate
Pentanal, 4-oxo-
Pentanal, 4-oxo-
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,4-difluoro-
Benzene, 1,2-difluoro-
Benzene, 1,3-difluoro-
Hexane, 2-methyl-
Hexane, 2-methyl-
O-hexylhydroxylamine
Hydroxylamine, O-(2-methylpropyl)-
1-Bromo-2-methylbutane
Hydroxylamine, O-(3-methylbutyl)-
Acetic acid, 2-propenyl ester
Acetic acid, 2-propenyl ester
Butane
cis-bicyclo[6.1.0]non-4-yne
[1-(benzoxymethyl)cyclohexa-2,5-dien-1-yl]methanol
4-Ethynylcyclopentene
Pyridyl-3-acetic acid hydrochloride
3-[(Methylthio)methyl]pyridine
2-Picoline, 6-nitro-
Benzoic acid, 3-[(2,4-dimethoxy-6-propylbenzoyl)oxy]-2-hydroxy-4-methoxy-6-propyl-
2-Methyl-5H-dibenz[b,f]azepine
a-Fluoro-(p-methyl)chalcone
Chlorobenzene-d5
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-3-fluoro-

78-84-2	823	74.92	w11main1	11772
78-84-2	789	74.92	w11main1	11772
78-84-2	777	74.92	w11main1	11772
0-00-0	917	36.01	w11main1	93436
0-00-0	906	24.7	w11main1	93436
0-00-0	861	5.26	w11main1	93436
0-00-0	874	2.97	w11main2	79213
0-00-0	874	2.97	w11main2	79213
0-00-0	874	2.97	w11main2	79213
0-00-0	855	64.69	w11main1	12094
0-00-0	831	21.68	w11main1	12094
0-00-0	807	7.26	w11main1	12094
625-24-1	956	72.72	w11main1	52668
626-96-0	922	18.64	w11main1	52668
626-96-0	900	18.64	w11main1	52668
74-97-5	887	98.77	w11main1	730324
74-97-5	880	98.77	w11main1	730324
74-97-5	817	98.77	w11main1	730324
141-78-6	888	49.87	w11main1	516801
141-78-6	887	49.87	w11main1	516801
141-78-6	882	49.87	w11main1	516801
540-36-3	887	36.85	w11main1	813301
367-11-3	883	31.13	w11main1	813301
372-18-9	882	29.92	w11main1	813301
591-76-4	822	29.05	w11main1	190768
591-76-4	820	29.05	w11main1	190768
4665-68-3	810	19.35	w11main1	190768
5618-62-2	780	16.03	w11main1	108426
10422-35-2	779	15.41	w11main1	108426
19411-65-5	759	7.01	w11main1	108426
591-87-7	864	45.02	w11main1	177551
591-87-7	854	45.02	w11main1	177551
106-97-8	830	11.54	w11main1	177551
115228-33-6	910	14.21	w11main1	78012
74269-63-9	904	11.16	w11main1	78012
0-00-0	902	10.3	w11main1	78012
0-00-0	748	53.31	w11main1	45217
69966-44-5	716	14.24	w11main1	45217
18368-61-1	702	8.91	w11main1	45217
69563-42-4	876	26.24	w11main2	34350
0-00-0	867	19.05	w11main1	34350
0-00-0	847	8.67	w11main1	34350
3114-55-4	880	97.42	w11main1	723495
460-00-4	863	47.37	w11main1	463889
1072-85-1	846	25.85	w11main1	463889
1073-06-9	846	25.85	w11main1	463889

9.0218

9.1778

9.4401

9.4415

10.02

10.0348

12.1026

12.1896

12.1907

12.5112

12.5148

14.2304

15.5977

17.8481

17.8511

18.409
21.2053

3-Methyl-3-tert-butyldimethylsiloxy-11-(prop-2-en-1-yloxy)-13-(1,1-dimethylheptyl)-2-oxatricyclo[8.4.0.0(4,9)]tetradeca·
Silanol, trimethyl-
6-Nitro-2,3-diphenylquinoxaline
1-Chlorobutylacetate
(Z,Z)-1,4-Diacetoxy-1,6-dicyano-1,5-hexadiene
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide
2,2,2-Trichloroethyl acetate
2-Propen-1-ol, 2-methyl-, acetate
Pentanal, 4-oxo-
Tetradeuteroethene
Tetradeuteroethene
Oxygen
Methane, bromochloro-
Methane, bromochloro-
Methane, bromochloro-
Acetic acid ethyl ester
Acetic acid ethyl ester
Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,3-difluoro-
Dibromomethyl t-butylketone
3-methyl-3-nitrobutanal
2,2-dimethylpropanethioic acid S-methyl ester
N-acetyl-N-allyl-acetamide
Hexane, 2-methyl-
Hexane, 2-methyl-
(3-acetoxy-1-methyl-propyl) 2-methylpropanoate
2-Butanethiol, 2-methyl-
Ethanone, 1-(tetrahydro-4-hydroxy-4-methyl-2H-thiopyran-3-yl)-, trans-
Longipinandiolone
1-Pentanethiol, 2-methyl-
1-Pentyn-3-ol, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Cyclobutene, 2-propenylidene-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
2-Naphthalenesulfonic acid
1-tert-butyl-3,3,4-trimethyl-3,4-dihydro-1H-2-benzopyran-1-ol
4-formyl-N-isopropyl-benzamide
Chlorobenzene-d5
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-

0-00-0	860	3.7	w11main2	74284
1066-40-6	860	3.7	w11main1	74284
0-00-0	851	2.69	w11main2	74284
0-00-0	865	9.99	w11main1	87598
139131-45-6	859	7.85	w11main1	87598
0-00-0	834	2.39	w11main2	87598
625-24-1	835	61.21	w11main1	56410
820-71-3	808	18	w11main1	56410
626-96-0	792	10.37	w11main1	56410
683-73-8	922	51.88	w11main1	495202
683-73-8	922	51.88	w11main1	495202
7782-44-7	918	43.83	w11main1	495202
74-97-5	900	98.61	w11main1	748124
74-97-5	900	98.61	w11main1	748124
74-97-5	835	98.61	w11main1	748124
141-78-6	921	69.48	w11main1	702860
141-78-6	912	69.48	w11main1	702860
141-78-6	909	69.48	w11main1	702860
367-11-3	886	43.23	w11main1	835870
540-36-3	876	30.52	w11main1	835870
372-18-9	872	25.78	w11main1	835870
0-00-0	775	55.66	w11main1	66199
0-00-0	720	10.79	w11main1	66199
42075-46-7	706	6.75	w11main1	66199
14778-37-1	776	37.12	w11main1	72450
591-76-4	770	29.17	w11main1	72450
591-76-4	768	29.17	w11main1	72450
0-00-0	805	37.98	w11main1	29986
1679-09-0	795	26.81	w11main1	29986
75732-00-2	737	4.93	w11main1	29986
0-00-0	831	65.01	w11main1	80540
1633-89-2	792	15.33	w11main1	80540
565-68-4	753	3.61	w11main1	80540
0-00-0	878	50.56	w11main1	371381
108-10-1	862	29.12	w11main1	371381
108-10-1	858	29.12	w11main1	371381
544-25-2	890	27.83	w11main1	2045962
544-25-2	881	27.83	w11main1	2045962
52097-85-5	868	11	w11main1	2045962
541-05-9	872	47.42	w11main1	113512
541-05-9	865	47.42	w11main1	113512
120-18-3	849	17.32	w11main1	113512
0-00-0	738	54.76	w11main1	12496
13255-50-0	721	29.88	w11main1	12496
3114-55-4	890	98.63	w11main1	752943
1073-06-9	905	34.48	w11main1	513277
460-00-4	904	33.14	w11main1	513277

12.0944

15.5972

17.8435

18.4048
21.2021

24.1274

Acetic acid ethyl ester
Benzene, 1,2-difluoro-
Benzene, 1,4-difluoro-
Benzene, 1,4-difluoro-
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
1,3,5-Cycloheptatriene
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Chlorobenzene-d5
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-4-fluoro-
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane
Cyclotetrasiloxane, octamethyl-
Cyclotetrasiloxane, octamethyl-

141-78-6	836	13.08	w11main1	142568
367-11-3	912	51.26	w11main1	846818
540-36-3	896	29.52	w11main1	846818
540-36-3	884	29.52	w11main1	846818
544-25-2	908	17.39	w11main1	467428
544-25-2	906	17.39	w11main1	467428
544-25-2	903	17.39	w11main1	467428
541-05-9	933	76.88	w11main1	261654
541-05-9	918	76.88	w11main1	261654
541-05-9	897	76.88	w11main1	261654
3114-55-4	905	98.34	w11main1	715672
460-00-4	899	52.09	w11main1	390344
1073-06-9	880	25.29	w11main1	390344
460-00-4	875	52.09	w11main1	390344
0-00-0	878	45.41	w11main1	282717
556-67-2	876	41.89	w11main1	282717
556-67-2	862	41.89	w11main1	282717

9.4185

9.4244

10.0126

10.031

12.1017

14.2405

15.5936

17.8485

18.4074
21.2045

22.2527

24.133

Hydrazoic acid	7782-79-8	867	20.75
2-Propanone	67-64-1	859	15.48
1-Chloro-1-propenylacetate	0-00-0	855	13.07
Tetradeuteroethene	683-73-8	886	51.4
Tetradeuteroethene	683-73-8	886	51.4
Oxygen	7782-44-7	882	43.42
Methane, bromochloro-	74-97-5	904	98.63
Methane, bromochloro-	74-97-5	903	98.63
Methane, bromochloro-	74-97-5	838	98.63
2-ketopropionic acid ethyl ester	617-35-6	832	3.02
2,4-bis(n-Dodecyl)-1,3-dithiethane 1,1,3,3-tetraoxide	0-00-0	829	2.67
Ethyl 2-ethyl-3-oxo-3-pentadecylfluoroheptylpropanoate	0-00-0	829	2.67
Benzene, 1,2-difluoro-	367-11-3	898	44.4
Benzene, 1,4-difluoro-	540-36-3	889	32.23
Benzene, 1,3-difluoro-	372-18-9	879	22.76
Acetic acid, 2-propenyl ester	591-87-7	880	58.2
Acetic acid, 2-propenyl ester	591-87-7	871	58.2
Acetic acid, 2-propenyl ester	591-87-7	857	58.2
1,3,5-Cycloheptatriene	544-25-2	935	34.06
1,3,5-Cycloheptatriene	544-25-2	926	34.06
Benzene, methyl-	108-88-3	922	22
Cyclotrisiloxane, hexamethyl-	541-05-9	913	85.49
Cyclotrisiloxane, hexamethyl-	541-05-9	909	85.49
Cyclotrisiloxane, hexamethyl-	541-05-9	901	85.49
Chlorobenzene-d5	3114-55-4	850	98.07
Benzene, 1-bromo-4-fluoro-	460-00-4	911	33.67
Benzene, 1-bromo-3-fluoro-	1073-06-9	911	33.67
Benzene, 1-bromo-2-fluoro-	1072-85-1	908	29.75
Dimethyl(3-methylcyclohexa-1,4-dien-3-yl)phosphane Oxide	0-00-0	839	32.03
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester	59034-54-7	826	20.69
9-Ethyl-4-methyl-7-oxo-8-oxabicyclo[4.3.0]non-2-en-5-methanol	0-00-0	819	15.85
Cyclotetrasiloxane, octamethyl-	556-67-2	902	74.39
Cyclotetrasiloxane, octamethyl-	556-67-2	896	74.39
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane	0-00-0	877	22.69

w11main1	575669
w11main1	575669
w11main1	575669
w11main1	343230
w11main1	343230
w11main1	343230
w11main1	734103
w11main1	734103
w11main1	734103
w11main1	129843
w11main2	129843
w11main2	129843
w11main1	869906
w11main1	869906
w11main1	869906
w11main1	98663
w11main1	98663
w11main1	98663
w11main1	7271027
w11main1	7271027
w11main1	7271027
w11main1	588259
w11main1	588259
w11main1	588259
w11main1	710249
w11main1	459605
w11main1	459605
w11main1	459605
w11main1	24441
w11main1	24441
w11main1	24441
w11main1	2006861
w11main1	2006861
w11main1	2006861

18.3987
19.5475

19.55

21.193

21.2001

22.2506

22.2575
22.7861

24.3331
24.3441

25.3833

25.3865

25.9291

26.7926

29.3139

29.3145

Octane
Chlorobenzene-d5
Aziridine, 2-ethyl-
4,4-Dimethyldihydro-2H-pyran-2,6(3H)-dione
3,3-Dimethyldihydro-2H-pyran-2,6(3H)-dione
trans-(6R,7R)-Diydroxy-(3R)-isopropyl-(8aS)-methyl-1,2,3,4,6,7,8,8a-octahydronaphthalene-(1R)-carbonitrile
[(6Z)-2-methoxy-3,6-dimethyl-5,8,9,10-tetrahydrobenzocycloocten-10-yl]methanol
Ethyl 5-methyl-4-oxo-2-(trifluoromethyl)hexanoate
6,7-Methylenedioxy-1,2,3,4-tetrahydroisoquinoline-1-carboxylic acid hydrochloride
2-(3,4-Dimethoxyphenyl)-2-(pyrrolidin-1-yl)acetonitrile
1-methyl-2-[(1-methyl-2-imidazolyl)methyl]imidazole
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
2-Pinene
2-Pinene
3-Thujene
(S)-(+)-1-(2-Methylphenyl)-2-nitroethanol
Santrolinatriene
1,1-Dicyclopropyl-1-pentene
5-Isopropylidene-1-cyclohexene
2-Methyl-3-[(2-methyl-2-propenyl)oxy]-1-propene
Heptane, 2,2,4,6,6-pentamethyl-
Butane, 2,2,3,3-tetramethyl-
Heptane, 2,2,4,6,6-pentamethyl-
2-(1',2',2'-Trideuterioethenyl)cyclobutanone
Hexane, 3,3,4,4-tetraethyl-
Heptane, 1-iodo-
N-Butoyl-6-hydroxyhexanamide
Acetic acid, trichloro-, propyl ester
(E)-5-Iodo-2-methylpent-2-en-1-ol
Hexane, 3,3-dimethyl-
Hexane, 2,3,4-trimethyl-
Hexane, 3,3-dimethyl-
1-Heptanol, 2-propyl-
Isopropenyl dodecanoate
Heptadecane, 4-propyl-
2,2-Dimethoxy-5,5-di-n-propyl-1,3,4-.deta.(3)-oxadiazoline
Oxetane, 2-(2,2-dichloroethyl)-2-methyl-
2,2,2-Trichloroethyl 2-methylpropanoate
1-Hexyne, 1-(1,1-dimethylethoxy)-
Neopentyl formate
Nonane, 4-methyl-

111-65-9	839	20.77	w11main1	297246
3114-55-4	900	98.45	w11main1	850767
2549-67-9	725	31.07	w11main1	29758
4160-82-1	720	25.04	w11main1	29758
2938-48-9	716	21.15	w11main1	29758
0-00-0	913	60.5	w11main1	57564
0-00-0	856	11.33	w11main1	57564
0-00-0	845	7.77	w11main1	57564
0-00-0	797	46.44	w11main1	80684
0-00-0	737	8.24	w11main1	80684
0-00-0	726	5.65	w11main1	80684
1072-85-1	842	40	w11main1	536839
460-00-4	833	29.04	w11main1	536839
1073-06-9	833	29.04	w11main1	536839
80-56-8	885	21.15	w11main1	428282
80-56-8	880	21.15	w11main1	428282
5/2/2867	866	10.27	w11main1	428282
0-00-0	709	55.19	w11main1	68041
2153-66-4	820	21.43	w11main1	160099
0-00-0	814	16.84	w11main1	160099
0-00-0	795	8.18	w11main1	160099
628-56-8	727	29.95	w11main1	178920
13475-82-6	874	16.78	w11main1	1968699
594-82-1	860	10.5	w11main1	1968699
13475-82-6	860	16.78	w11main1	1968699
0-00-0	889	20.5	w11main1	86904
5171-86-8	875	12.83	w11main1	86904
4282-40-0	854	5.46	w11main1	86904
0-00-0	795	49.01	w11main1	14910
13313-91-2	751	10.62	w11main1	14910
0-00-0	748	9.39	w11main1	14910
563-16-6	868	8.21	w11main1	222106
921-47-1	864	6.93	w11main1	222106
563-16-6	860	8.21	w11main1	222106
10042-59-8	968	66.45	w11main1	61986
0-00-0	901	10.28	w11main1	61986
55044-10-5	877	3.44	w11main1	61986
0-00-0	806	35.16	w11main1	29257
114872-35-4	785	14.96	w11main1	29257
57392-45-7	766	7.26	w11main1	29257
113279-42-8	782	41.69	w11main1	23001
23361-67-3	760	16.48	w11main1	23001
17301-94-9	757	14.56	w11main1	23001

22.7879

24.3433

25.1913
25.3848

25.9249

26.0561

26.7914

26.8872

29.3093
29.3146

29.7632

29.8515

3-Thujene
a-phellandrene (only name in Wiley6)
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
(5E)-2,5-Dimethyl-3-methylene-1,5-heptadiene
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
3,3-Dimethyl-4-methylenebicyclo[3.1.0]hexan-2-one
Butane, 2,2,3,3-tetramethyl-
Hexane, 2,2-dimethyl-
4-Bromoheptane
Undecane
Hexane, 2,3,4-trimethyl-
1-Heptanol, 2-propyl-
(CH3)2CHCH2ONO
Hydroxylamine, O-(2-methylpropyl)-
1-Propanol, 2,2-dimethyl-, nitrate
Heptane, 2,4-dimethyl-
Heptane, 2,4-dimethyl-
Hexane, 2,3,4-trimethyl-
3,5-diethylhex-5-en-3-ol
Nitric acid, heptyl ester
1-Heptanol, 2-propyl-
Hept-5-ene-1-yne-4-ol
Hentriacontane
Tetratetracontane
Pentatriacontane
branched - heptadecane ?
Eicosane, 10-butyl-10-propyl-
Docosane, 9-octyl-
2,2-dimethylpropyl 2-oxidanylidenebutanoate
Pentane, 1,3-epoxy-4-methyl-

5/2/2867	809	16.96	w11main1	320179
1329-99-3	806	13.33	w11main1	320179
79-92-5	847	17.96	w11main1	1018777
79-92-5	831	17.96	w11main1	1018777
74663-83-5	830	9.8	w11main1	1018777
13475-82-6	901	34.83	w11main1	3556928
13475-82-6	895	34.83	w11main1	3556928
13475-82-6	869	34.83	w11main1	3556928
0-00-0	713	56.1	w11main1	47761
594-82-1	836	14.4	w11main1	256330
590-73-8	823	9.3	w11main1	256330
998-93-6	819	7.85	w11main1	256330
1120-21-4	846	8.26	w11main1	528831
921-47-1	839	6.33	w11main1	528831
10042-59-8	832	4.85	w11main1	528831
542-56-3	876	58.79	w11main1	57554
5618-62-2	848	16.98	w11main1	57554
926-42-1	839	12.32	w11main1	57554
2213-23-2	773	12.06	w11main1	148694
2213-23-2	772	12.06	w11main1	148694
921-47-1	766	9.24	w11main1	148694
0-00-0	813	54.46	w11main1	28663
20633-12-9	798	33	w11main1	28663
10042-59-8	733	5.31	w11main1	28663
0-00-0	717	40.63	w11main1	23861
630-04-6	851	13.02	w11main2	229813
7098-22-8	834	7.11	w11main2	229813
630-07-9	822	4.73	w11main2	229813
0-00-0	911	15.82	w11main1	54974
55282-33-2	888	5.77	w11main2	54974
55319-83-0	883	4.65	w11main2	54974
0-00-0	700	8.39	w11main1	5240
15045-60-0	700	8.39	w11main1	5240

18.0306
18.0421

18.4023
18.4051
19.5464

19.5522

21.1998

21.8942
21.9005

22.2505

22.2547

22.7852

24.3422

25.3863

25.9275

26.0556

26.786
26.7919

29.3103

2-Pentanone, 4-methyl-	108-10-1	866	38.23
2-[(4-Fluoranylphenoxy)methyl]oxirane	0-00-0	864	25.46
1-Hexene, 3,4-dimethyl-	16745-94-1	710	19.87
Heptane, 2,4-dimethyl-	2213-23-2	884	30.9
Hexane, 2,3,4-trimethyl-	921-47-1	875	22.43
Heptane, 2,3-dimethyl-	3074-71-3	865	15.83
Chlorobenzene-d5	3114-55-4	903	97.96
2-Amino-4,5-hexadienoic acid	0-00-0	709	93.92
Cyclopentanol, 1-[2-(1-pyrrolidinyl)ethyl]-	116886-00-1	760	58.4
N-methyl-6-(1-pyrrolidinyl)-1-hexanamine	0-00-0	708	11.66
Heptane, 2,4-dimethyl-	2213-23-2	793	11.98
Octane	111-65-9	792	11.51
Heptane, 2,3-dimethyl-	3074-71-3	790	10.62
Benzene, 1-bromo-4-fluoro-	460-00-4	898	36.44
Benzene, 1-bromo-3-fluoro-	1073-06-9	895	32.2
Benzene, 1-bromo-2-fluoro-	1072-85-1	893	29.7
3,6-Methano-2H-cyclopenta[b]furan-2-one, 3,3a,6,6a-tetrahydro-	81523-43-5	727	49.4
1,1-Dimethyl-2-[(1E)-3-methyl-1,3-butadienyl]cyclopropane	68998-21-0	775	23.19
1-isopropylidene-4-methylene-cyclohexane	0-00-0	766	16.83
2,2,5-trimethyl-5-bicyclo[4.1.0]heptanol	88105-45-7	756	11.88
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-	99-83-2	825	29.67
(R)-7-Benzenesulfonyl-2-methoxy-bicyclo[4.1.0]heptane	0-00-0	818	22.72
a-phellandrene (only name in Wiley6)	1329-99-3	813	18.31
(3R,4S)-3-[(1Z)-buta-1,3-dienyl]-4-ethenyl-cyclopentene	84926-62-5	745	33.27
Cyclopentene, 4-(1,3-butadienyl)-3-ethenyl-, [3a,4a(Z)]-(.+-.)-	84899-26-3	745	33.27
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	79-92-5	891	24.23
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	79-92-5	880	24.23
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-	79-92-5	871	24.23
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	901	33.03
Heptane, 2,2,4,6,6-pentamethyl-	13475-82-6	882	33.03
Butane, 2,2,3,3-tetramethyl-	594-82-1	871	9.18
1-Hexanethiol, 2-ethyl-	7341-17-5	802	14.31
Hexane, 2,2-dimethyl-	590-73-8	790	9.53
1-Pentene, 2,4,4-trimethyl-	107-39-1	787	8.42
Heptane, 2,4-dimethyl-	2213-23-2	856	11.11
Heptane, 2,4-dimethyl-	2213-23-2	846	11.11
Hexane, 2,3,4-trimethyl-	921-47-1	836	5.06
(CH3)2CHCH2ONO	542-56-3	933	90.18
Oct-3-enenitrile	0-00-0	800	3.55
Nitric acid, 2-methylpropyl ester	543-29-3	796	3
4-(2-Oxanyloxy)butanal	54911-85-2	778	86.59
3-(Difluoromethyl)heptane	0-00-0	814	29.27
(CH3)2CHCH2ONO	542-56-3	802	19.49
2,4,4-Trimethyl-2-penten-1-ol	0-00-0	794	14.54
2-methylpropanethioic acid S-(allylthio) ester	0-00-0	891	23.86
3-Methyl-1-azidobutan-2-one	0-00-0	890	22.93
1,3,9-Trioxaspiro[5.5]undecane	429-36-7	885	18.48

w11main1	1558410	
w11main1	1558410	18.0192
w11main1	59112	
w11main1	911645	
w11main1	911645	18.3737
w11main1	911645	19.5297
w11main1	841210	
w11main1	51830	
w11main1	35396	19.5352
w11main1	35396	
w11main1	307406	
w11main1	307406	21.1754
w11main1	307406	
w11main1	708804	
w11main1	708804	21.1852
w11main1	708804	
w11main1	40195	21.3799
w11main1	172199	
w11main1	172199	21.8885
w11main1	172199	
w11main1	254830	
w11main1	254830	22.2419
w11main1	254830	
w11main1	77452	
w11main1	77452	22.7769
w11main1	1635185	
w11main1	1635185	
w11main1	1635185	24.1278
w11main1	4623530	
w11main1	4623530	
w11main1	4623530	24.3409
w11main1	299689	
w11main1	299689	
w11main1	299689	25.3915
w11main1	342630	
w11main1	342630	
w11main1	342630	25.9294
w11main1	43552	
w11main1	43552	
w11main1	43552	26.065
w11main1	20057	
w11main1	79527	
w11main1	79527	26.7932
w11main1	79527	
w11main1	9819	
w11main1	9819	26.8906
w11main1	9819	

5-(4-Methylphenoxy)methyl-2-amino-1,3,4-thiadiazoles
Heptane, 2,4-dimethyl-
Heptane, 2,4-dimethyl-
Heptane, 2,3-dimethyl-
Chlorobenzene-d5
1-Butanol, 2-ethyl-
Cyanic acid, 2,2-dimethylpropyl ester
4-Methyl-4-nitroso[2,2-D2]pentanenitrile
Heptane, 2,4-dimethyl-
Octane, 4-methyl-
Hexane, 3-ethyl-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
8-[2-[2-[2-methyl-1,3-bis[2-(2-quinolin-8-yloxyethoxy)ethoxy]propan-2-yl]oxyethoxy]ethoxy]quinoline
3-mesyl-7-methoxy-3-benzazepine
1H-pyrazol-4-yl(4-pyrimidinyl)methanone
1H-pyrazol-4-yl(3-pyridazinyl)methanone
2-Thujene
3-Thujene
3-Thujene
2-Thujene
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Cyclotetrasiloxane, octamethyl-
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane
Cyclotetrasiloxane, octamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Butane, 2,2,3,3-tetramethyl-
Butane, 2,2,3,3-tetramethyl-
Butane, 2,2,3,3-tetramethyl-
1-Heptanol, 2-propyl-
Hentriacontane
Undecane
Isoxazole, 3-(3-butenyl)-5-methyl-
4H,5H-Pyrano[4,3-d]-1,3-dioxin, tetrahydro-8a-methyl-
1,3,9-Trioxaspiro[5.5]undecane
1-Heptanol, 2-propyl-
Hexane, 2,3,4-trimethyl-
2-Tridecene, 1-bromo-2-chloro-1,1-difluoro-, (Z)-
Oct-3-enenitrile
4-tert-butyl-1,2,3-thiadiazole

0-00-0	846	12.91	w11main1	64664
2213-23-2	882	41.01	w11main1	1208730
2213-23-2	854	41.01	w11main1	1208730
3074-71-3	850	10.95	w11main1	1208730
3114-55-4	868	98.4	w11main1	7058860
97-95-0	712	22.78	w11main1	96100
1459-44-5	707	18.36	w11main1	96100
0-00-0	702	14.79	w11main1	96100
2213-23-2	870	30.79	w11main1	310780
2216-34-4	867	27.2	w11main1	310780
619-99-8	844	9.93	w11main1	310780
460-00-4	893	66.02	w11main1	7512293
1073-06-9	865	19.06	w11main1	7512293
1072-85-1	857	14.22	w11main1	7512293
0-00-0	769	68.01	w11main2	208429
0-00-0	746	24.83	w11main1	208429
0-00-0	786	52.52	w11main1	20241
0-00-0	780	41.28	w11main1	20241
58037-87-9	813	13.39	w11main1	226541
5/2/2867	813	13.39	w11main1	226541
5/2/2867	808	13.39	w11main1	226541
28634-89-1	794	21.25	w11main1	117226
99-83-2	792	19.6	w11main1	117226
59034-54-7	789	17.32	w11main1	117226
79-92-5	876	21.67	w11main1	1743917
79-92-5	872	21.67	w11main1	1743917
79-92-5	870	21.67	w11main1	1743917
556-67-2	859	47.54	w11main1	242568
0-00-0	851	35.46	w11main1	242568
556-67-2	830	47.54	w11main1	242568
13475-82-6	904	36.28	w11main1	6625951
13475-82-6	888	36.28	w11main1	6625951
13475-82-6	867	36.28	w11main1	6625951
594-82-1	817	20.05	w11main1	449102
594-82-1	809	20.05	w11main1	449102
594-82-1	806	20.05	w11main1	449102
10042-59-8	858	10.51	w11main1	786110
630-04-6	853	8.47	w11main2	786110
1120-21-4	838	5.13	w11main1	786110
130628-72-7	904	80.94	w11main1	117837
54340-98-6	818	7.21	w11main1	117837
429-36-7	802	4.15	w11main1	117837
10042-59-8	865	15.16	w11main1	286223
921-47-1	852	9.79	w11main1	286223
108377-21-5	850	9.03	w11main2	286223
0-00-0	885	50.98	w11main1	45812
0-00-0	869	29.36	w11main1	45812

21.1878

21.1977

21.8983

22.2467

22.2495

22.3567

22.7831

24.3401

24.9137

25.187

25.187
25.3834

25.391
25.5939

25.5949

25.917

25.9228

5-endo-(Phenylsulfonyl)-5-exo-methylbicyclo[2.2.2]oct-2-ene
7-(1-Chlorovinyl)bicyclo[4.1.0]heptane
5-endo-(Phenylsulfonyl)-5-exo-methylbicyclo[2.2.2]oct-2-ene
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
2-Pinene
Tricyclo[2.2.1.02,6]heptane, 1,7,7-trimethyl-
2-Pinene
.alpa.-Hydroxybenzylcarboraldehyde
benzenecarboperoxoic acid methyl ester
4,4-Difluoro-4-benzoylbutyric Acid
3-Thujene
a-phellandrene (only name in Wiley6)
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-
Spiro[2.5]octane, 1-chloro-4-methylene-, trans-
Spiro[2.5]octane, 1-chloro-4-methylene-, trans-
N,N'-(1,12-diaza-2,11-dioxaocta-1,12-diyl)bis-1-pyridium diaminide
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
{1,2-bis[(3'-Methylphenyl)-1,2-ethenediyl} 1,2-bis(3''-methylbenzoate)
Diisopropyl 1-(2-methylbenzoyl)hydrazine-1,2-dicarboxylate
2-ethynyl-3-pyridinol
N-Benzyl-N-(cyanomethyl)-1-methylcyclohexa-2,5-diene-1-carboxamide
(phenylmethyl) 1-methylcyclohexa-2,5-diene-1-carboxylate
6-Benzylbicyclo[4.1.0]heptan-2-ol
(3-(vinyloxy)prop-1-en-1-ylidene)cyclohexane
Heptane, 3-(chloromethyl)-
Butane, 2,2,3,3-tetramethyl-
Heptane, 2,5-dimethyl-
2-Methylallyl bromide
Tridecane, 2,2,4,10,12,12-hexamethyl-7-(3,5,5-trimethylhexyl)-
Propane, 2-[(1,1-dimethylethyl)sulfonyl]-2-methyl-
4-tert-butyl-1-(trifluoromethyl)cyclohexanol
3-Azido-2-pentanone
N-acetyl-N-allyl-acetamide
Cyclobutaneacetic acid, 2-amino-, cis-
1-Pentene, 4,4-dimethyl-
Acetic acid, trichloro-, butyl ester
Valeraldehyde, 4,4-dimethyl-2-methylene-
Dodecane
Dodecane, 2,6,11-trimethyl-
Heptane, 3-ethyl-3-methyl-

127311-34-6	764	25.47	w11main1	130865
0-00-0	755	18.49	w11main1	130865
127380-49-8	740	11.2	w11main1	130865
460-00-4	878	35.04	w11main1	778398
1073-06-9	878	35.04	w11main1	778398
1072-85-1	872	27.54	w11main1	778398
80-56-8	834	9.37	w11main1	325225
508-32-7	834	9.37	w11main1	325225
80-56-8	833	9.37	w11main1	325225
0-00-0	959	36.3	w11main1	38398
0-00-0	922	8.83	w11main1	38398
0-00-0	920	8.15	w11main1	38398
5/2/2867	790	18.28	w11main1	209566
1329-99-3	785	14.73	w11main1	209566
99-83-2	784	14.16	w11main1	209566
104120-82-3	863	56.87	w11main1	57342
104120-81-2	852	39.01	w11main1	57342
0-00-0	730	1.93	w11main2	57342
79-92-5	933	26.41	w11main1	2426133
79-92-5	923	26.41	w11main1	2426133
79-92-5	908	26.41	w11main1	2426133
13475-82-6	908	36.41	w11main1	8296011
13475-82-6	879	36.41	w11main1	8296011
13475-82-6	869	36.41	w11main1	8296011
0-00-0	847	11	w11main2	128878
0-00-0	843	9.3	w11main2	128878
0-00-0	830	6	w11main1	128878
0-00-0	813	41.21	w11main1	54006
0-00-0	783	11.45	w11main1	54006
0-00-0	781	10.56	w11main1	54006
0-00-0	723	36.85	w11main1	55967
123-04-6	823	17.01	w11main1	649294
594-82-1	812	11.67	w11main1	649294
2216-30-0	793	5.66	w11main1	649294
1458-98-6	708	60.12	w11main1	76569
3035-75-4	868	38.59	w11main2	48377
1886-75-5	846	15.25	w11main1	48377
120714-68-3	833	9.85	w11main1	48377
0-00-0	825	66.24	w11main1	15364
14778-37-1	777	13.73	w11main1	15364
84673-55-2	763	8.59	w11main1	15364
762-62-9	756	8.87	w11main1	170757
7/6/3657	755	8.53	w11main1	170757
5375-28-0	754	8.2	w11main1	170757
112-40-3	837	6.98	w11main1	1119630
31295-56-4	836	6.71	w11main1	1119630
17302-01-1	835	6.45	w11main1	1119630

12.4906

12.5002

12.8895

12.9045

13.3666

13.3688

13.37

14.2013

14.2029

15.5967

17.8398

18.0314
18.0384

18.3991
19.5459

20.3664

21.1981

(R)-ß-Propyl-.gama.-butyrolactine
Octyl chloroacetate
1-Octanol, 2,7-dimethyl-
Heptane
Hexane, 3-methyl-
Hexane, 3-methyl-
4'-Acetyl-2'-phenyl-4a',5',6',7',8',8a'-hexahydro-4'H-spiro-[cyclohexane-1,9'-[1,2,4]triazolo[5,1-b]quinazoline]
1H-Tetraazole-1,5-diamine
Acetic acid, trichloro-, propyl ester
3-Methyl-2-oxanol
2-Hexanone, 6-hydroxy-
3,5,7-Trimethyloxepan-2-one
(R)-2-(1-Methylethylidene)-cyclohexane-d
4-Nonene
2H-Pyran-2-one, tetrahydro-4-methyl-
Propane, 2-methyl-
Propane, 1-chloro-2-methyl-
Propane, 1-chloro-2-methyl-
Propane, 2-methyl-2-nitro-
Propane, 2-methyl-1-nitro-
Butane, 2-nitro-
Dimethylhydrazone
1,4-Dioxane-2,6-dione
Trideuteroacetonitrile
2-Pentanone, 4-methyl-
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
cis-bicyclo[6.1.0]non-4-yne
[(Z)-1-cyclopentyl-2,3,3,3-tetrafluoro-prop-1-enoxy]methylbenzene
1ß-Hydroxy-4ß-chloro-6a-(benzyloxy)-2-cycloheptene
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
2-Naphthalenesulfonic acid
1-Hexene, 3-methyl-
Heptane, 2,4-dimethyl-
Hexane, 2,3,4-trimethyl-
Heptane, 2,4-dimethyl-
Chlorobenzene-d5
Heptane, 2,4-dimethyl-
Hexane, 3-ethyl-
Heptane, 2,3-dimethyl-
Tricyclo[3.1.1.03,6]heptane-6-carboxylic acid
Ethanethioic acid, S-bicyclo[2.2.1]hept-2-en-7-yl ester, anti-
4-brombicyclo[3.1.1]hept-2-en
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-

0-00-0	833	72.36	w11main1	136230
5451-98-9	781	14.45	w11main1	136230
15250-22-3	746	3.62	w11main1	136230
142-82-5	898	34.82	w11main1	1280180
589-34-4	894	29.42	w11main1	1280180
589-34-4	891	29.42	w11main1	1280180
0-00-0	851	74.7	w11main2	30327
2165-21-1	806	15.91	w11main1	30327
13313-91-2	767	3.75	w11main1	30327
68258-41-3	895	44.38	w11main1	39316
21856-89-3	895	44.38	w11main1	39316
0-00-0	806	3.83	w11main1	39316
75365-51-4	919	87.75	w11main1	21293
10405-85-3	798	4.47	w11main1	21293
1121-84-2	788	3.15	w11main1	21293
75-28-5	894	74	w11main1	72398
513-36-0	838	14.11	w11main1	72398
513-36-0	825	14.11	w11main1	72398
594-70-7	864	42.58	w11main1	35448
625-74-1	858	33.47	w11main1	35448
600-24-8	805	6.62	w11main1	35448
0-00-0	845	79.9	w11main1	63466
4480-83-5	793	15.95	w11main1	63466
2206-26-0	743	3.24	w11main1	63466
108-10-1	895	48.04	w11main1	2005225
108-10-1	889	48.04	w11main1	2005225
0-00-0	877	24.77	w11main1	2005225
115228-33-6	937	29.38	w11main1	56874
0-00-0	917	13.38	w11main1	56874
0-00-0	914	11.82	w11main1	56874
541-05-9	893	49.41	w11main1	84145
541-05-9	881	49.41	w11main1	84145
120-18-3	867	14.8	w11main1	84145
3404-61-3	731	34.33	w11main1	157004
2213-23-2	897	33.86	w11main1	1592075
921-47-1	864	8.86	w11main1	1592075
2213-23-2	862	33.86	w11main1	1592075
3114-55-4	888	98.2	w11main1	884642
2213-23-2	871	31.26	w11main1	746762
619-99-8	865	24.57	w11main1	746762
3074-71-3	846	11.93	w11main1	746762
53292-20-9	830	34.01	w11main1	32505
55883-39-1	829	32.69	w11main1	32505
87031-11-6	813	18.82	w11main1	32505
460-00-4	915	68.82	w11main1	702384
1073-06-9	878	16.75	w11main1	702384
1072-85-1	873	13.5	w11main1	702384

12.4967
12.5015

14.2055

14.2073

14.2163

17.8408

18.0407

18.4002
18.4098
19.5463
19.5495

21.1981

21.9016

21.9817

22.2503

22.7882

23.737

24.1253

1-Pentanethiol, 2-methyl-
Butane, 1-isocyano-
cis-(6S,7R)-Diydroxy-(3R)-isopropyl-(8aS)-methyl-1,2,3,4,6,7,8,8a-octahydronaphthalene-(1R)-carbonitrile
Hexane, 3-methyl-
Hexane, 3-methyl-
Hexane, 3-methyl-
(E)-O-1-(N-Methyl-N-acetamino-1-yl)ethyl-2-furaldehyde oxime
(E)-O-1-(N-Methyl-N-acetamino-1-yl)ethylbenzaldehyde oxime
2-Pentanone, 4-methyl-
2-[(4-Fluoranylphenoxy)methyl]oxirane
2-Pentanone, 4-methyl-
Propane, 2-methyl-1-nitro-
Propane, 2-methyl-2-nitro-
Acetic acid, trichloro-, butyl ester
Cyclotrisiloxane, hexamethyl-
Cyclotrisiloxane, hexamethyl-
Arsenous acid, tris(trimethylsilyl) ester
Heptane, 2,4-dimethyl-
Heptane, 2,3-dimethyl-
Hexane, 2,3,4-trimethyl-
Chlorobenzene-d5
1-Chloro-2,3-dimethylbuta-1,3-diene
(2R*,3S*)-2-Ethyl-3-methyl-1-heptanol
Hexane, 3-ethyl-
Hexane, 3-ethyl-
Octane, 4-methyl-
Benzene, 1-bromo-4-fluoro-
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-3-fluoro-
1,1-Dimethyl-2-[(1E)-3-methyl-1,3-butadienyl]cyclopropane
1,5-Cyclohexadiene-1-carboxaldehyde, 4,4-dimethyl-
Cyclohexene, 3-methylene-6-(1-methylethyl)-
1-m-Tolyl-but-3-en-1-ol
1-o-Tolyl-but-3-en-1-ol
1-m-Tolyl-but-3-en-1-ol
3'-Phenyl-5'-(2-hydroxyethyl)-spiro[adamantane-2,2'-(1,3)-dithiolane]-4'-one
1-(1-methylcyclopropyl)-2-methylene-cyclopropane
1-[Cyclopropylidenemethyl]-1-methylcyclopropane
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Butanedinitrile, tetramethyl-
d1-Pyrroline
Butanedinitrile, tetramethyl-
Cyclotetrasiloxane, octamethyl-
1,1,1,5,5,5-hexamethyl-3-((trimethylsilyl)oxy)trisiloxane
Cyclotetrasiloxane, octamethyl-

1633-89-2	781	15.74	w11main1	96275
2769-64-4	775	12.37	w11main1	96275
0-00-0	760	90.99	w11main1	66273
589-34-4	883	63.63	w11main1	402243
589-34-4	877	63.63	w11main1	402243
589-34-4	861	63.63	w11main1	402243
0-00-0	727	32.38	w11main1	83147
0-00-0	707	14.75	w11main1	83147
108-10-1	850	33.11	w11main1	1146369
0-00-0	842	24.7	w11main1	1146369
108-10-1	842	33.11	w11main1	1146369
625-74-1	787	43.98	w11main1	37872
594-70-7	781	34.57	w11main1	37872
7/6/3657	755	10.35	w11main1	37872
541-05-9	886	36.04	w11main1	183085
541-05-9	875	36.04	w11main1	183085
55429-29-3	869	19.67	w11main2	183085
2213-23-2	877	31.07	w11main1	1000088
3074-71-3	861	17.89	w11main1	1000088
921-47-1	853	13.35	w11main1	1000088
3114-55-4	924	98.28	w11main1	907992
0-00-0	749	75.31	w11main1	71326
0-00-0	715	29.76	w11main1	71553
619-99-8	859	25.94	w11main1	424560
619-99-8	849	25.94	w11main1	424560
2216-34-4	846	16.75	w11main1	424560
460-00-4	879	49.56	w11main1	703022
1072-85-1	861	25.55	w11main1	703022
1073-06-9	859	23.57	w11main1	703022
68998-21-0	805	16.78	w11main1	96807
97997-08-5	795	11.85	w11main1	96807
555-10-2	793	10.93	w11main1	96807
0-00-0	909	42.64	w11main1	32892
24165-62-6	888	18.13	w11main1	32892
0-00-0	874	11.35	w11main1	32892
0-00-0	805	17.29	w11main2	65666
0-00-0	802	15.28	w11main1	65666
0-00-0	791	10.48	w11main1	65666
79-92-5	884	22.36	w11main1	1040729
79-92-5	875	22.36	w11main1	1040729
79-92-5	860	22.36	w11main1	1040729
3333-52-6	808	60.04	w11main1	257773
0-00-0	785	21.92	w11main1	257773
3333-52-6	778	60.04	w11main1	257773
556-67-2	836	40.52	w11main1	160886
0-00-0	833	35.8	w11main1	160886
556-67-2	823	40.52	w11main1	160886

21.2021

22.252

22.2559

22.7893
22.7939

24.1286

24.3457

24.9184

25.1915

25.3882

25.9219

25.9285

26.0591

26.2195

26.7924

26.8913

28.275

trans-(6R,7R)-Diydroxy-(3R)-isopropyl-(8aS)-methyl-1,2,3,4,6,7,8,8a-octahydronaphthalene-(1R)-carbonitrile
Benzene, 1-bromo-3-fluoro-
Benzene, 1-bromo-2-fluoro-
Benzene, 1-bromo-2-fluoro-
9-Ethyl-4-methyl-7-oxo-8-oxabicyclo[4.3.0]non-2-en-5-methanol
2-Thujene
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
5-(Isothiocyanato)hept-1-en-6-yne
1-Benzylcyclopentanecarbaldehyde
3,5-Cycloheptadien-1-one, 3,6-dimethyl-
Benzene, 1,1'-[1,2-ethanediylbis(oxymethylene)]bis-
[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Heneicosafluorododecyl)phenyl]methanol
Cyclotetrasiloxane, octamethyl-
Cyclotetrasiloxane, octamethyl-
Cyclotetrasiloxane, octamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Pentane, 2,2,3-trimethyl-
2,2,7,7-Tetramethyloctane
Bicyclo[4.1.0]hept-3-ene-2-thiol, 3,7,7-trimethyl-, [1S-(1a,2a,6a)]-
[.eta(6).-Cymene]-[1-phenylene-4-benzyl-1,2,4-triazolinylidene] ruthenium chloride complexe
2-cyclopentyl-1-(2-methylphenyl)ethanone
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
2-Thujene
9-Ethyl-4-methyl-7-oxo-8-oxabicyclo[4.3.0]non-2-en-5-methanol
Pentane, 2,2,4-trimethyl-
Pentane, 2,2,4-trimethyl-
Butane, 2,2,3,3-tetramethyl-
Butane, 2-cyclopropyl-
1-Dodecene, 2-ethyl-
tert-butylcyclopropane
2,4,6-Trimethyldecane
Undecane, 2,4-dimethyl-
Decane, 2,4-dimethyl-
2,4,4-Trimethyl-2-penten-1-ol
Nitric acid, heptyl ester
(CH3)2CHCH2ONO
3-Cyclopropyl-2-butanone
3-isopropoxycyclobut-3-ene-1,2-dione
Butane, 1,1-dichloro-3-methyl-
1,1-Bis(fluoranyl)dodecane
2-Propyldecan-1-ol
Hexadecane, 7,9-dimethyl-
Nitric acid, heptyl ester
2,4,4-Trimethyl-2-penten-1-ol
(CH3)2CHCH2ONO
Hexane, 4-ethyl-2-methyl-
3-Hexanone, 2,4-dimethyl-

0-00-0	846	13.65	w11main1	70241
1073-06-9	882	40.87	w11main1	585591
1072-85-1	877	32.94	w11main1	585591
1072-85-1	870	32.94	w11main1	585591
0-00-0	942	47.59	w11main1	58025
28634-89-1	923	23.11	w11main1	58025
59034-54-7	916	17.7	w11main1	58025
0-00-0	757	64.83	w11main1	31869
0-00-0	707	13.19	w11main1	31869
94994-50-0	751	51.14	w11main1	54717
622-22-0	734	32.34	w11main1	68308
0-00-0	705	9.16	w11main2	68308
556-67-2	876	72.99	w11main1	310648
556-67-2	869	72.99	w11main1	310648
556-67-2	853	72.99	w11main1	310648
13475-82-6	901	37.98	w11main1	4824063
564-02-3	882	18.44	w11main1	4824063
1071-31-4	852	5.12	w11main1	4824063
88106-13-2	955	65.21	w11main1	73331
0-00-0	900	12.65	w11main2	73331
0-00-0	895	10.19	w11main1	73331
59034-54-7	768	37.18	w11main1	33217
28634-89-1	759	26.99	w11main1	33217
0-00-0	755	22.8	w11main1	33217
540-84-1	852	16.73	w11main1	357042
540-84-1	846	16.73	w11main1	357042
594-82-1	843	12.15	w11main1	357042
2/7/5750	786	47.41	w11main1	101586
19780-34-8	755	12.92	w11main1	101586
4741-87-1	731	4.33	w11main1	101586
62108-27-4	839	6.86	w11main1	398237
17312-80-0	837	6.33	w11main1	398237
2801-84-5	834	5.59	w11main1	398237
0-00-0	819	23.38	w11main1	55589
20633-12-9	814	18.84	w11main1	55589
542-56-3	793	8.01	w11main1	55589
0-00-0	853	44.86	w11main1	17961
0-00-0	847	35.26	w11main1	17961
625-66-1	820	10.37	w11main1	17961
62127-45-1	858	12.35	w11main1	184903
0-00-0	858	12.35	w11main1	184903
21164-95-4	825	3.23	w11main1	184903
20633-12-9	860	37.06	w11main1	93115
0-00-0	848	24.68	w11main1	93115
542-56-3	842	19.4	w11main1	93115
3074-75-7	908	44.13	w11main1	48259
18641-70-8	886	17.44	w11main1	48259

26.7913

28.2739

28.2755

29.3137

29.3151

29.4486

29.7602

30.9286

31.3354

(S)-6-Chloro-1,2-epoxyhexane
(S)-6-Bromo-1,2-epoxyhexane
Tetradecane, 4,11-dimethyl-
Hexane, 3,3,4-trimethyl-
Hexane, 3-methyl-
1-Butanol, 4-butoxy-
Nonane, 4-methyl-
1-Pentanol, 4-methyl-2-propyl-
Hexane, 2,3,4-trimethyl-
Tridecane, 7-propyl-
4-Heptanone, 2-methyl-
Oxetane, 3-(1-methylethyl)-
(2R,4S)-Dimethylbutyrolactol
Oxetane, 3-(1-methylethyl)-
1-Heptanol, 2-propyl-
1-Pentanol, 4-methyl-2-propyl-
Heptadecane, 4-propyl-
2,2,6-Trimethyl-5-hepten-3-one
(R)-4-(1',1'-Dimethylethyl)-1,3,2-dioxathiolane-2-one
3-Hexanone, 2,5-dimethyl-
1-(3,4-dihydro-2H-pyran-6-yl)ethanone
2-fluoranyl-3,3-dimethyl-butanal
Cyclopropane, 1-ethyl-1-methyl-
3-Hexanone, 4-ethyl-
4-Heptanone, 3-methyl-
Heptane, 5-ethyl-2-methyl-

0-00-0	793	69.32	w11main1	7831
0-00-0	755	16.6	w11main1	7831
55045-12-0	853	36.46	w11main1	64439
16747-31-2	812	8.32	w11main1	64439
589-34-4	810	7.67	w11main1	64439
4161-24-4	790	26.31	w11main1	54061
17301-94-9	781	19.1	w11main1	54061
54004-41-0	780	18.36	w11main1	54061
921-47-1	827	12.48	w11main1	69465
55045-09-5	817	8.81	w11main1	69465
626-33-5	817	8.81	w11main1	69465
10317-17-6	842	74.1	w11main1	32972
0-00-0	792	15.08	w11main1	32972
10317-17-6	768	74.1	w11main1	32972
10042-59-8	869	28.28	w11main1	92112
54004-41-0	869	28.28	w11main1	92112
55044-10-5	849	12.88	w11main1	92112
84352-58-9	731	39.82	w11main1	10807
0-00-0	714	21.73	w11main1	10807
1888-57-9	702	14.47	w11main1	10807
0-00-0	854	42.72	w11main1	10041
69429-56-7	831	15.6	w11main1	10041
53778-43-1	817	9.76	w11main1	10041
12/8/6137	917	59.26	w11main1	62360
15726-15-5	885	15.83	w11main1	62360
13475-78-0	878	12.13	w11main1	62360

24.1245

24.1252

Benzene, 1-bromo-2-fluoro-
Dibenz[a,h]anthracene, 5,6,12,13-tetrahydro-
tert-Butyl 2-(4-Chlorophenyl)-1-naphthoate
1,2'-Biazulene, 1',3-dimethyl-
2-(diethylcarbamoylamino)-5-methoxy-benzoic acid methyl ester
5-(diethylcarbamoylamino)-2-methoxy-benzoic acid methyl ester

1072-85-1	902	30.57	w11main1	513277
153-31-1	755	58.02	w11main1	26264
0-00-0	722	15.19	w11main2	26264
115349-81-0	701	6.46	w11main1	26264
0-00-0	728	34.19	w11main1	71642
0-00-0	707	14.54	w11main1	71642

27.6138
28.5664

29.3125

29.4021

29.7625

1-Methylbutyl nitrite
1-(exo)-dimethoxymethyl-4,7-bis(trifluoromethyl)-1a,5,7a,7b-tetrahydro-1H-cyclopropa[f]phthalazine
3-Pentanethiol, 3-methyl-
2-Cyclohexene-1-carboxylic acid, 2-(7-hydroxy-3-methyl-1,3-octadienyl)-1,3-dimethyl-4-oxo-, methyl ester, [R-[R*,S*-(E,E
2-Methyl-2-oxazoline
2-Propyldecan-1-ol
1-Butylpentyl trifluoromethanesulfonate
1,1-Bis(fluoranyl)dodecane
1-Chlorobutylacetate
(Z,Z)-1,4-Diacetoxy-1,6-dicyano-1,5-hexadiene
1-Chloro-1-propenylacetate
Eicosane, 10-heptyl-10-octyl-
Octadecane, 9-ethyl-9-heptyl-
Docosane, 7-butyl-

0-00-0	816	5.8	w11main1	45812
137233-14-8	756	87.51	w11main2	12312
1639-03-8	873	82.34	w11main1	17613
26055-31-2	791	8.39	w11main2	17613
1120-64-5	752	1.98	w11main1	17613
0-00-0	851	13.32	w11main1	278042
0-00-0	843	9.93	w11main1	278042
62127-45-1	823	4.52	w11main1	278042
0-00-0	892	19.79	w11main1	5608
139131-45-6	874	10.21	w11main1	5608
0-00-0	843	2.78	w11main1	5608
55470-98-9	936	7.9	w11main2	40778
55282-27-4	929	6.05	w11main2	40778
55282-15-0	927	5.58	w11main2	40778

26.0551

26.0624

26.6933

26.7809

26.7885

26.8888

28.2709

28.5679

28.89

28.9742

29.3132

29.4059

29.7635

Hydroxylamine, O-decyl-
O-hexylhydroxylamine
Docosane, 9-octyl-
Acetic acid, trichloro-, butyl ester
Boric acid (H3BO3), tributyl ester
1-Hexene, 4-methyl-
Isoxazole, 3-(3-butenyl)-5-methyl-
4H,5H-Pyrano[4,3-d]-1,3-dioxin, tetrahydro-8a-methyl-
(E)-7-Methyl-4-octenoic acid
1-(4-Chlorophenyl)-2-octanone
2-(1-Phenylsulfonyl-1-methylethyl)-3-methyloxtane
(3E)-3-decylidene-5-methyl-2-oxolanone
Heptane, 2,4-dimethyl-
Hexane, 2,3,4-trimethyl-
1-Heptanol, 2-propyl-
branched - heptadecane ?
Hexadecane, 5-butyl-
Docosane, 9-octyl-
2-Buten-1-ol, propanoate
(2S)-2-(2-iodanylethyl)oxirane
(E)-4-methoxy-2-butenal
4-(2-Oxanyloxy)butanal
2,4,9,11-Tetramethyldodeca-5,7-diyne-4,9-diol
(2E)-3-Methyl-2,4-pentadien-1-ol
(2S-trans)-3-Octyloxiranemethanol
1-Butene, 2-ethyl-3-methyl-
2,2,3,4,5,5-Hexamethylhexane
Pivalic acid, methyl ester
2,2-dimethylpropanoic acid 2-methylpropyl ester
2-Propyldecan-1-ol
Hexadecane, 7,9-dimethyl-
Hexane, 2,3,4-trimethyl-
2,4,6-Octanetrione
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorotetradecane
2-(2,4-Dimethyloctyloxy)tetrahydropyran
(2S)-2-methyl-1-decanol
Hexane, 3-ethyl-4-methyl-
Isopropyl 2,2-Difluorodecanoate

29812-79-1	808	16.59	w11main1	172185
4665-68-3	797	11.38	w11main1	172185
55319-83-0	774	4.15	w11main2	172185
7/6/3657	851	52.29	w11main1	50810
688-74-4	821	14.53	w11main1	50810
3769-23-1	793	4.19	w11main1	50810
130628-72-7	943	89.55	w11main1	19100
54340-98-6	830	5.51	w11main1	19100
0-00-0	805	1.68	w11main1	19100
95110-77-3	840	59.12	w11main1	2357
0-00-0	824	34.05	w11main1	2357
0-00-0	760	5.59	w11main1	2357
2213-23-2	867	21.62	w11main1	441229
921-47-1	848	10.5	w11main1	441229
10042-59-8	843	8.46	w11main1	441229
0-00-0	867	6.16	w11main1	106388
7/8/6912	865	5.68	w11main1	106388
55319-83-0	863	5.24	w11main2	106388
58367-51-4	861	59.22	w11main1	15397
76282-41-2	847	37.07	w11main1	15397
66651-55-6	826	75.37	w11main1	24033
54911-85-2	784	16.91	w11main1	24033
0-00-0	730	3.31	w11main1	24033
1572-08-3	863	38.29	w11main1	25324
0-00-0	841	15.13	w11main1	25324
7357-93-9	817	5.07	w11main1	25324
55258-15-6	779	21.02	w11main1	5653
598-98-1	769	14.84	w11main1	5653
5129-38-4	767	13.69	w11main1	5653
0-00-0	852	11.17	w11main1	259245
21164-95-4	840	7.44	w11main1	259245
921-47-1	829	5.1	w11main1	259245
61067-58-1	902	66.31	w11main1	8944
0-00-0	825	8.09	w11main2	8944
0-00-0	822	7.14	w11main1	8944
0-00-0	778	59.11	w11main1	42913
3074-77-9	737	13.48	w11main1	42913
134682-39-6	712	4.11	w11main1	42913

21.9003

21.9716

22.2503

22.3598

22.7859

23.7495

24.1327

24.3473

24.9199

25.1966

25.3957

25.6077

25.6132

25.9351

26.0673

26.0758

2-Thujene
3-Thujene
3-Thujene
1-Methyl-2-isopropenylcyclobutene
exo-3,6-Dimethyl-7-propylbicyclo4.2.0]oct-2-en-8-one
1,1-Dimethyl-3-methylene-1,4-pentadiene
2-Thujene
2,5-Cyclohexadiene-1-carboxylic acid, 1-methyl-, methyl ester
1,3-Cyclohexadiene, 2-methyl-5-(1-methylethyl)-
2,4-Dioxaspiro[5.5]undec-8-ene
anti OR syn-Dispiro[5.0.5.2]tetradeca-1,8-diene
Cyclopropane, 1,2-butadienyl-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene-
1,1,2,3,3,3-Hexakis(fluoranyl)propylcyclopentane
1-Hydroxy-3-penten-2-one
1-Hydroxy-3-penten-2-one
7,7-Bis(methylthio)-6-methyl-1-(2-thienyl)-2,4,6-heptatriien-1-one
6-Chloro-2-(2,4,6-trimethylphenyl)quinoxaline
14-Benzyl-14H-dibenzo[a,j]xanthene
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Pentane, 2,2,3-trimethyl-
Benzene, 1-ethyl-2,3-dimethyl-
Benzene, 2-ethyl-1,3-dimethyl-
Benzene, 1-methyl-4-(1-methylethyl)-
(1R,4R,6S)-4-isopropenyl-1-methyl-norcaran-2-one
(E) 2-(2-Propenyl)-1-nitropent-3-ene
1,4-Dimethyl-4-vinyl-1-cyclohexene
Heptane, 3-(chloromethyl)-
Butane, 2,2,3,3-tetramethyl-
Heptane, 2-bromo-
Propanoic acid, 1,1-dimethylethyl ester
Sulfurous acid, bis(2-methylpropyl) ester
Heneicosane, 11-(2,2-dimethylpropyl)-
2-Hexyl-2-decenal
N1-Acetyl-N2-(1-oxoprop-2-en-1-yl)hydrazide
(Z)-2-(2-Hydroxyethyl)-1-(but-1-enyl)cyclopropanol
Heptane, 2,4-dimethyl-
Undecane
Tridecane
4,8-Dimethylundecane
branched - heptadecane ?
Hydroxylamine, O-(3-methylbutyl)-
Methane, isocyanato-
O-(tert-Butoxycarbonyl)-N-isopropylidene oxime

58037-87-9	799	11.67	w11main1	279752
5/2/2867	799	11.67	w11main1	279752
5/2/2867	792	11.67	w11main1	279752
0-00-0	825	35.72	w11main1	35026
0-00-0	802	13.04	w11main1	35026
0-00-0	794	9.73	w11main1	35026
28634-89-1	860	35.07	w11main1	136681
59034-54-7	839	14.92	w11main1	136681
99-83-2	835	12.6	w11main1	136681
7092-19-5	800	46.58	w11main1	49945
0-00-0	782	24.02	w11main1	49945
61422-87-5	762	10.94	w11main1	49945
79-92-5	895	19.64	w11main1	1975183
79-92-5	887	19.64	w11main1	1975183
79-92-5	879	19.64	w11main1	1975183
0-00-0	870	33.63	w11main1	54486
0-00-0	866	28.41	w11main1	54486
0-00-0	843	10.37	w11main1	54486
0-00-0	825	9.98	w11main1	49181
0-00-0	820	8.04	w11main1	49181
0-00-0	819	7.73	w11main2	49181
13475-82-6	884	25.87	w11main1	10825026
13475-82-6	877	25.87	w11main1	10825026
564-02-3	861	9.44	w11main1	10825026
933-98-2	825	18.49	w11main1	145533
4/4/2870	823	17.06	w11main1	145533
99-87-6	820	15.07	w11main1	145533
0-00-0	706	18.83	w11main1	46260
0-00-0	705	18.1	w11main1	46260
1743-61-9	703	16.69	w11main1	46260
123-04-6	844	17.26	w11main1	917630
594-82-1	840	14.58	w11main1	917630
4/5/1974	836	12.32	w11main1	917630
20487-40-5	931	55.32	w11main1	61900
18748-27-1	854	6.74	w11main1	61900
55282-10-5	838	3.88	w11main2	61900
0-00-0	787	38.92	w11main1	24963
0-00-0	769	20.07	w11main1	24963
0-00-0	768	19.29	w11main1	24963
2213-23-2	831	7.51	w11main1	1402832
1120-21-4	819	5	w11main1	1402832
629-50-5	813	3.93	w11main1	1402832
17301-33-6	844	7.13	w11main1	192638
0-00-0	839	5.75	w11main1	192638
19411-65-5	838	5.53	w11main1	192638
624-83-9	901	43.82	w11main1	58149
0-00-0	893	32.69	w11main1	58149

24.3443

24.9067
24.9137

24.918
25.187

25.3855

25.5945

25.922

25.9234

26.0559

26.2195

26.6919

26.6962

26.7894

26.8892

26.8906

28.2679
28.2741

28.5678

Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
Heptane, 2,2,4,6,6-pentamethyl-
2-Methyl-2-phenyltetrahydropyran-6-ol
Bicyclo[4.1.0]hept-3-ene-2-thiol, 3,7,7-trimethyl-, [1S-(1a,2a,6a)]-
2-cyclopentyl-1-(2-methylphenyl)ethanone
1-Amylphthalan
N-Benzyl-N-[(3E)-3,5-hexadien-1-yl]amine
(E) 2-(2-Propenyl)-1-nitropent-3-ene
t-1-Acetoxyethyl-1-methyl-c-2-isopropenylcyclobutane
(E) 4-Methyl-2,6-heptadiene
Heptane, 3-(chloromethyl)-
Butane, 2,2,3,3-tetramethyl-
4-Bromoheptane
Dodecane, 2,2,4,9,11,11-hexamethyl-
2-methylpropanethioic acid S-(allylthio) ester
Senbusine A
1-Hexene, 3,5,5-trimethyl-
1-Hexene, 3,5,5-trimethyl-
2,4,4-Trimethylpentyl 3,5,5-trimethylhexanoate
Heptane, 3-ethyl-3-methyl-
Dodecane
Dodecane
Hentriacontane
1,1-Bis(fluoranyl)dodecane
Undecane
(1R,2R,4S)-1-methyl-4-propan-2-yl-cyclohexane-1,2,4-triol
trans-2,2,5,6,6-pentamethyl-3-hepten-5-ol
3-[((E)-But-2-enyl)oxy]-butan-2-one
6,8-Dioxabicyclo[3.2.1]octane-4-carboxylic acid, 5-ethyl-2-methyl-, ethyl ester, [1S-(2-endo,4-exo)]-
1-Methylbutyl nitrite
Undecane, 2,6-dimethyl-
Hydroxylamine, O-(2-methylpropyl)-
1,1-Bis(fluoranyl)dodecane
Heptadecane, 2,6,10,14-tetramethyl-
Dodecane, 5-methyl-
2,4,6-Trimethyl-1-nonene
Hexane, 1-(ethenyloxy)-
Isooctanols
n-Cetyl thiocyanate
n-Cetyl thiocyanate
Heptadecane, 2,6,10,15-tetramethyl-
5-Hepten-3-one, 2,6-dimethyl-
1,1-Bis(fluoranyl)dodecane
Hydroxylamine, O-decyl-
Pentadecane, 8-hexyl-
1-Hexanol, 2-ethyl-2-propyl-

13475-82-6	914	34.64	w11main1	11051152
13475-82-6	904	34.64	w11main1	11051152
13475-82-6	879	34.64	w11main1	11051152
133549-38-9	711	63.89	w11main1	28314
88106-13-2	828	29.95	w11main1	127164
0-00-0	826	27.63	w11main1	127164
0-00-0	784	6.2	w11main1	127164
0-00-0	760	87.73	w11main1	40235
0-00-0	747	36.27	w11main1	55222
0-00-0	745	33.45	w11main1	55222
0-00-0	728	18.26	w11main1	55222
123-04-6	856	16.47	w11main1	1043789
594-82-1	846	11.62	w11main1	1043789
998-93-6	845	11.17	w11main1	1043789
6304-50-3	824	82.55	w11main1	40106
0-00-0	720	5.72	w11main1	40106
0-00-0	703	3.12	w11main2	40106
4316-65-8	721	10.11	w11main1	280556
4316-65-8	718	10.11	w11main1	280556
0-00-0	709	6.73	w11main1	280556
17302-01-1	852	14.85	w11main1	1391979
112-40-3	851	14.28	w11main1	1391979
112-40-3	832	14.28	w11main1	1391979
630-04-6	865	13.72	w11main2	264423
62127-45-1	844	5.83	w11main1	264423
1120-21-4	833	4	w11main1	264423
0-00-0	828	88.62	w11main1	32807
0-00-0	725	6.25	w11main1	32807
0-00-0	792	80.74	w11main1	22463
112837-20-4	717	10.49	w11main1	22463
0-00-0	927	43.81	w11main1	47962
17301-23-4	862	7.05	w11main1	47962
5618-62-2	859	6.23	w11main1	47962
62127-45-1	838	10.08	w11main1	607189
18344-37-1	830	7.51	w11main1	607189
17453-93-9	827	6.64	w11main1	607189
55771-40-9	732	27.2	w11main1	199457
5363-64-4	701	7.41	w11main1	199457
0-00-0	700	7.12	w11main1	199457
0-00-0	779	32.12	w11main1	76606
0-00-0	779	32.12	w11main1	76606
54833-48-6	736	7.08	w11main1	76606
5782-75-2	700	56.02	w11main1	18527
62127-45-1	874	6.02	w11main1	97634
29812-79-1	873	5.78	w11main1	97634
13475-75-7	871	5.33	w11main1	97634
54461-00-6	927	16.92	w11main1	50201

28.2798

28.5675

28.6204
28.8935

29.3146

29.4564

29.7645

Decane, 5-methyl-
2-But-1-enyltetrahydrofuran
1-Propene, 3-(ethenyloxy)-
4-Pentenoic acid
1,3,9-Trioxaspiro[5.5]undecane
2-Butanethiol, 2-methyl-
Disulfide, bis(2,2-dimethylpropyl)
4,6-Dichloro-2-ethyl-1-phenyl-2,5-diazabicyclo[2.2.2[oct-5-en-3-one
Octa-1,3,7-triene-3,4-oxide
1-Hexene, 5-iodo-
4-Penten-1-ol, 3-methyl-
2-Propyldecan-1-ol
Hexadecane, 7,9-dimethyl-
1-Octanol, 2,2-dimethyl-
2,2-dimethylpropanoic acid 3-acetyloxypropyl ester
4-Heptanone, 3-methyl-
2,2-dimethylpropyl 2-methylpropanoate
1-Heptanol, 2-propyl-
1a,2,3,4,9,9a-hexahydro-5,6,7,8-tetraphenylbenzo[4,5]cycloocta[1,2-b]oxirene
Heptadecane, 4-propyl-

13151-35-4	872	10.92	w11main1	48259
0-00-0	814	49.02	w11main1	14217
3917-15-5	802	32.64	w11main1	14217
591-80-0	724	3.85	w11main1	14217
429-36-7	883	57.1	w11main1	16633
1679-09-0	835	11.83	w11main1	16633
37552-63-9	822	7.64	w11main1	16633
0-00-0	806	96.49	w11main1	24524
0-00-0	772	31.32	w11main1	24386
22212-06-2	763	22.74	w11main1	24386
54702-04-4	755	16.96	w11main1	24386
0-00-0	868	12.43	w11main1	335740
21164-95-4	856	8.28	w11main1	335740
2370-14-1	840	4.76	w11main1	335740
0-00-0	871	39.54	w11main1	20597
15726-15-5	862	28.71	w11main1	20597
0-00-0	841	12.21	w11main1	20597
10042-59-8	905	24.28	w11main1	73362
106543-69-5	900	19.57	w11main2	73362
55044-10-5	895	15.77	w11main1	73362

26.7941

26.8938

28.276

28.893

28.9798

29.3133

29.4558

29.5477

29.5524

29.7633

30.5309

30.5309

Methane, isocyanato-
Hexane, 2,3,4-trimethyl-
1-Heptanol, 2-propyl-
Heptane, 2,4-dimethyl-
1,1-Bis(fluoranyl)dodecane
Pentadecane, 2-methyl-
Octane, 2-bromo-
Heptadecane, 4-propyl-
Pentane, 1,3-epoxy-4-methyl-
Dodecane, 5,8-diethyl-
4-Penten-1-ol, 3-methyl-
8-Chloro-3,7-dimethyloct-6-en-1-ol
4-Hexen-1-ol, (Z)-
1-Allyloxyoctane
(E)-4,5,5-Trimethyl-2-hexen-1-ol
2,2-Dimethylpropyl nitrite
Tridecane
Hentriacontane
Octane, 2,4,6-trimethyl-
2,2-dimethylpropanoic acid 2-acetyloxyethyl ester
Isopropyl 3-methyl-2-oxopentanoate
Decane, 5-methyl-
1-Allyloxyoctane
2,2-Dimethylpropyl nitrite
3-Hexanone, 2,2-dimethyl-
3-Hexanone, 4-ethyl-
Heptane, 5-ethyl-2-methyl-
4-Heptanone, 3-methyl-
Hexadecane, 7,9-dimethyl-
1,1-Bis(fluoranyl)dodecane
2-Propyldecan-1-ol
1-Octene-3,4-dione
2-methyl-2-[(2R)-2-oxiranyl]-3-pentanone
(+-)-2-Methyl-2-oxiranylpentan-3-one
1-Octene-3,4-dione
2-methyl-2-[(2R)-2-oxiranyl]-3-pentanone
(+-)-2-Methyl-2-oxiranylpentan-3-one

624-83-9	890	43.82	w11main1	58149
921-47-1	852	10.74	w11main1	477458
10042-59-8	850	9.91	w11main1	477458
2213-23-2	847	8.76	w11main1	477458
62127-45-1	816	9.3	w11main1	116060
1560-93-6	814	8.57	w11main1	116060
557-35-7	814	8.57	w11main1	116060
55044-10-5	885	41.65	w11main1	83237
15045-60-0	848	10.13	w11main1	83237
24251-86-3	834	6.34	w11main1	83237
54702-04-4	741	31.03	w11main1	29755
0-00-0	737	26.22	w11main1	29755
928-91-6	708	7.43	w11main1	29755
3295-97-4	785	25.97	w11main1	20289
0-00-0	770	15.73	w11main1	20289
0-00-0	758	10.48	w11main1	20289
629-50-5	848	7.86	w11main1	649771
630-04-6	843	6.33	w11main2	649771
62016-37-9	832	4.34	w11main1	649771
0-00-0	884	33.98	w11main1	25627
0-00-0	870	21.27	w11main1	25627
13151-35-4	853	11.61	w11main1	25627
3295-97-4	875	46.15	w11main1	5130
0-00-0	873	42.57	w11main1	5130
5405-79-8	805	6.45	w11main1	5130
12/8/6137	914	32.47	w11main1	9471
13475-78-0	909	26.17	w11main1	9471
15726-15-5	908	25.15	w11main1	9471
21164-95-4	877	9.32	w11main1	155878
62127-45-1	873	7.87	w11main1	155878
0-00-0	867	6.19	w11main1	155878
0-00-0	775	31.45	w11main1	11488
0-00-0	767	23.46	w11main1	11488
0-00-0	762	18.91	w11main1	11488
0-00-0	775	31.45	w11main1	11488
0-00-0	767	23.46	w11main1	11488
0-00-0	762	18.91	w11main1	11488

28.8846

28.8915

28.9736

29.3135

29.7633

29.8506

29.8506

branched - heptadecane ?
Undecane, 5-ethyl-5-propyl-
4-Ketovaleramide
1H-Cyclonona[1,2-c:5,6-c']difuran-1,3,6,8(4H)-tetrone, 4-(acetyloxy)-5-[1-(acetyloxy)heptyl]-10-[[(acetyloxy)(3,6-dihydro-
Acetic acid (S)-1-methyl-2-(3-methyl-isoxazol-5-yl)-ethyl ester
4-Methylidenetridec-12-enal
Butane, 1,4-dicyclopentyl-
Cyclopentane, (2-methylpropyl)-
Isoxazole, 3-(3-butenyl)-5-methyl-
2,4,4-Trimethyl-2-penten-1-ol
6-Ketohexanenitrile
2-Propyldecan-1-ol
Hentriacontane
4-Methyl-1-undecene
branched - heptadecane ?
1-Hexanol, 2-ethyl-2-propyl-
Docosane, 9-octyl-
3-Pentylcyclooctanone
Cyclobutaneacetic acid, 2-amino-, cis-
(1R,2S)-2-(aminomethyl)-1-cyclopropanecarboxylic acid
3-Pentylcyclooctanone
Cyclobutaneacetic acid, 2-amino-, cis-
(1R,2S)-2-(aminomethyl)-1-cyclopropanecarboxylic acid

0-00-0	909	8.72	w11main1	50201
7/9/2755	907	8.04	w11main1	50201
0-00-0	828	79.95	w11main1	14318
27646-47-5	739	6.9	w11main2	14318
0-00-0	736	6.1	w11main1	14318
0-00-0	770	28.95	w11main1	47301
2980-70-3	768	26.7	w11main1	47301
3788-32-7	733	6.7	w11main1	47301
130628-72-7	869	89.35	w11main1	7181
0-00-0	729	3.03	w11main1	7181
0-00-0	703	0.91	w11main1	7181
0-00-0	841	9.19	w11main1	614573
630-04-6	837	7.76	w11main2	614573
74630-39-0	831	6.1	w11main1	614573
0-00-0	854	8.03	w11main1	160829
54461-00-6	844	5.67	w11main1	160829
55319-83-0	836	4.23	w11main2	160829
84002-76-6	803	74.7	w11main1	5682
84673-55-2	725	8.81	w11main1	5682
74028-33-4	725	8.81	w11main1	5682
84002-76-6	803	74.7	w11main1	5682
84673-55-2	725	8.81	w11main1	5682
74028-33-4	725	8.81	w11main1	5682