Quantitation Report (QT Reviewed)

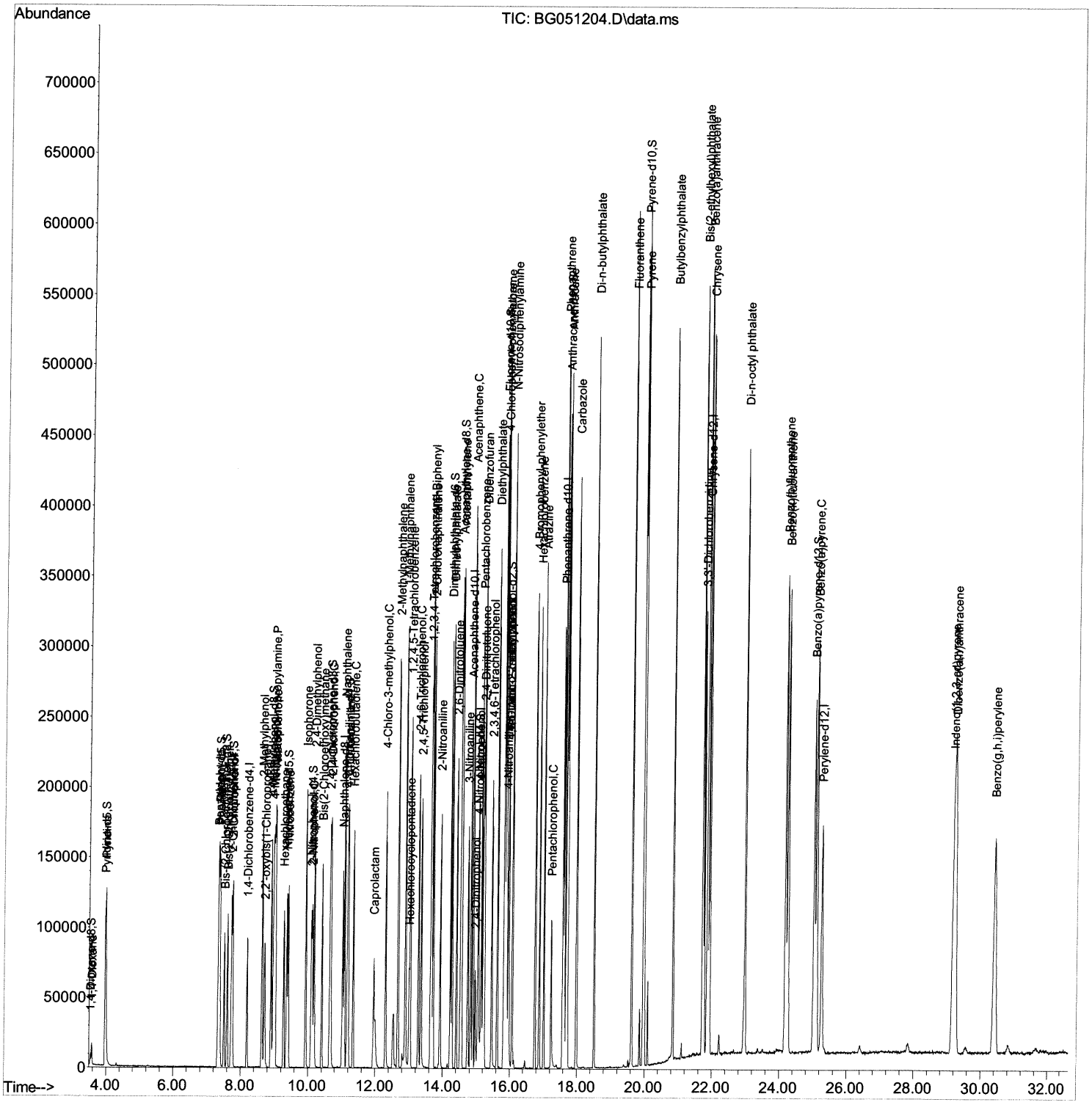
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051204.D
Acq On : 24 Nov 2021 9:22
Operator : CG/JU
Sample : PB140881BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 24 12:45:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS881

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/30/2021



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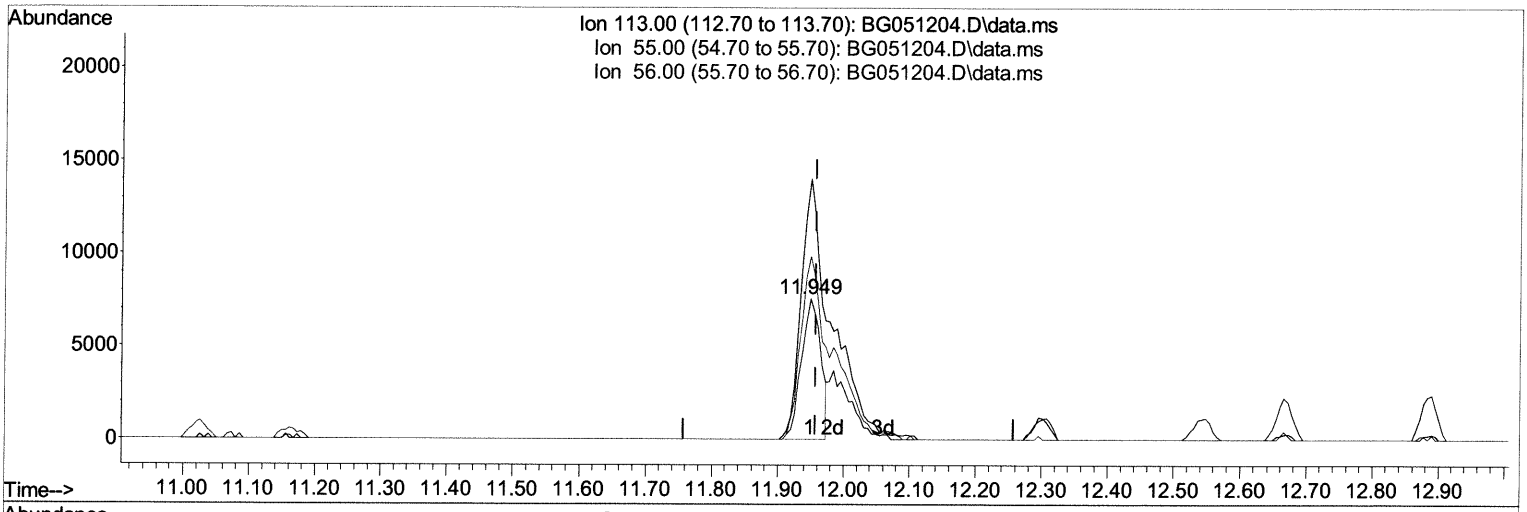

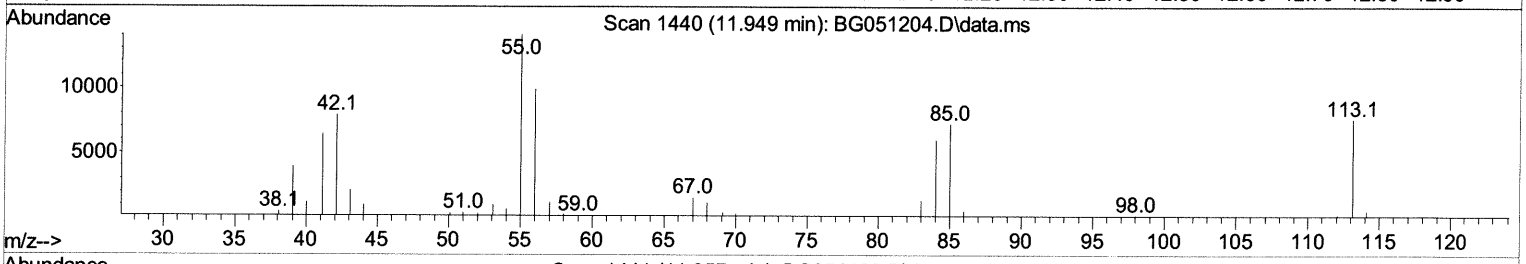

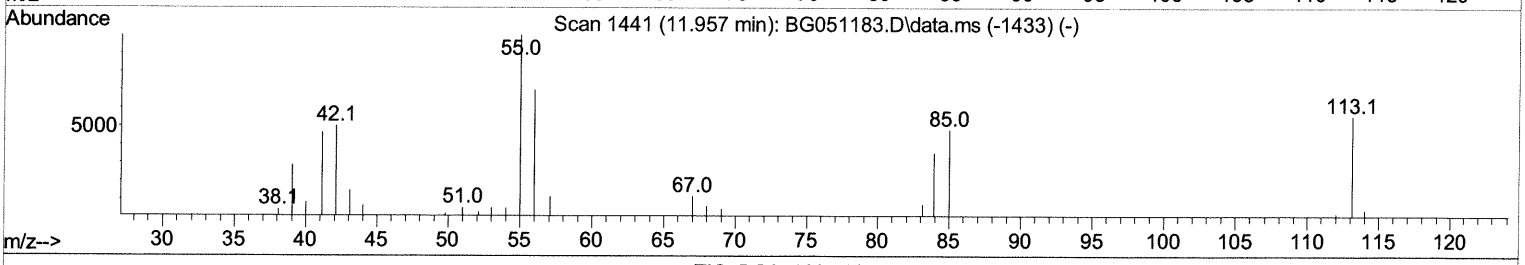

TIC: BG051204.D\data.ms

(34) Caprolactam

11.949min (-0.009) 20.24 ng/ul

response 15409

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	185.42
56.00	136.50	130.11
0.00	0.00	0.00

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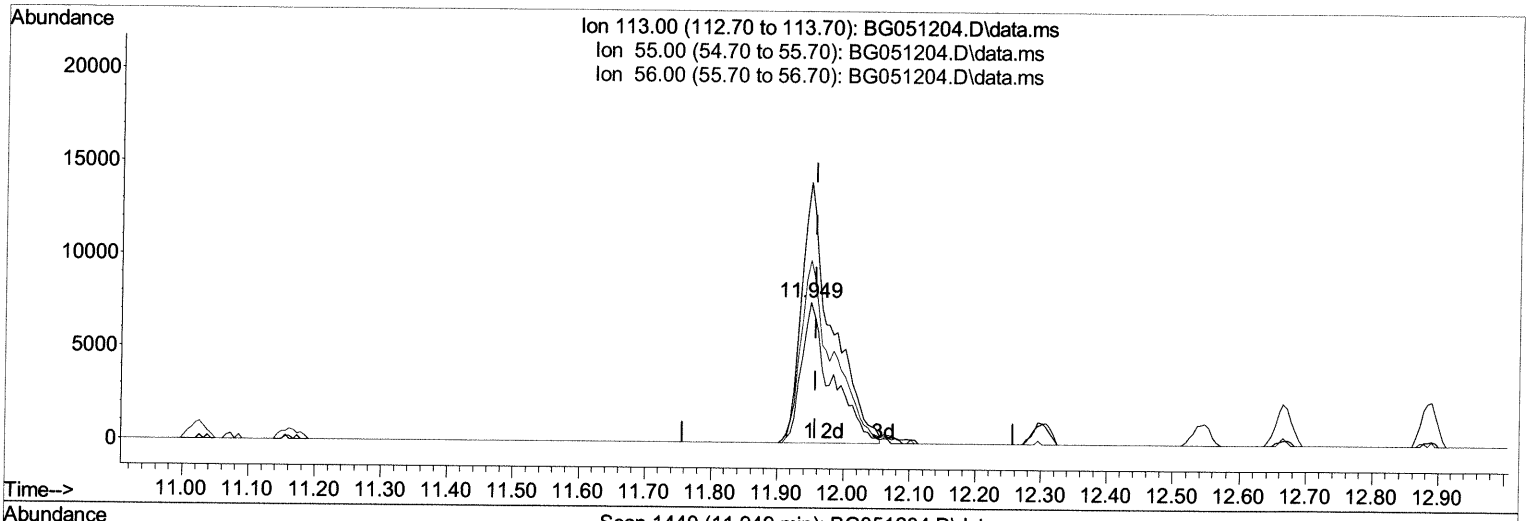

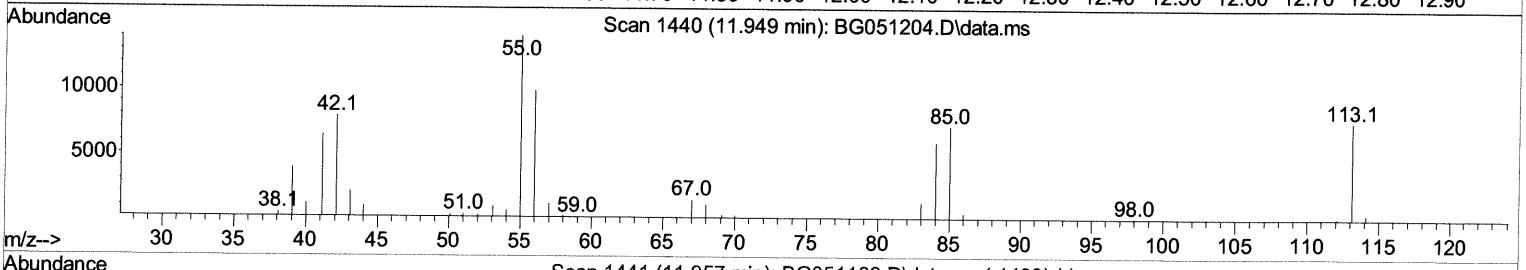

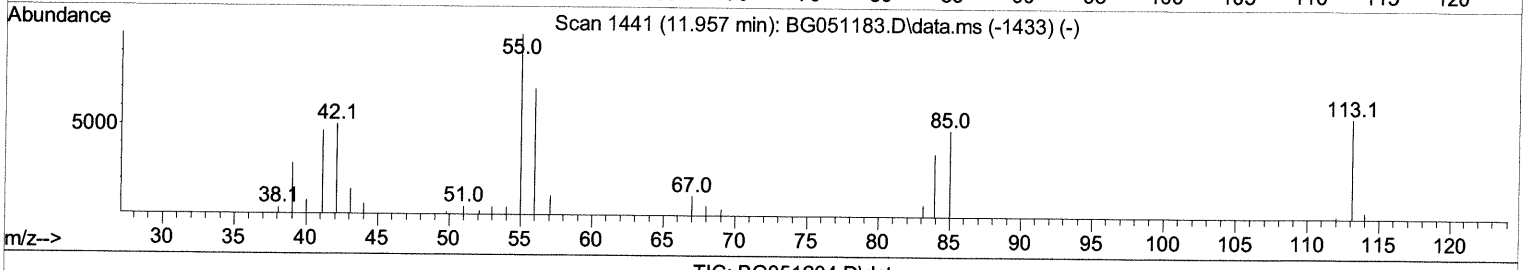

TIC: BG051204.D\data.ms

(34) Caprolactam

11.949min (-0.009) 31.26 ng/ul m 11/29/21 JU

response 23801

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	185.42
56.00	136.50	130.11
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	26372	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	121770	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	86476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.577	188	192395	20.000	ng/ul	0.00
79) Chrysene-d12	21.878	240	165452	20.000	ng/ul	0.00
88) Perylene-d12	25.274	264	167661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	4183	5.512	ng/uL	0.00
4) Pyridine-d5	3.964	84	61026	27.404	ng/ul	-0.01
7) Phenol-d5	7.354	99	78516	30.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	49049	29.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.730	132	57689	30.737	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	64548	30.689	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	30328	29.504	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	35571	30.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	62471	31.754	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	80348	27.912	ng/ul	0.00
46) Dimethylphthalate-d6	14.222	166	199263	29.947	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	257071	30.639	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	31971	29.684	ng/ul	0.00
60) Fluorene-d10	15.821	176	179619	29.977	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	35434	29.847	ng/ul	0.00
73) Anthracene-d10	17.677	188	276078	30.003	ng/ul	0.00
81) Pyrene-d10	19.957	212	310233	30.989	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.039	264	276489	30.878	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	8558	9.999	ng/uL	98
5) Pyridine	3.987	79	61532	26.554	ng/ul	99
6) Benzaldehyde	7.331	77	49915	30.071	ng/ul	93
8) Phenol	7.383	94	82462	30.540	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.607	93	61805	30.256	ng/ul	96
12) 2-Chlorophenol	7.759	128	58567	30.621	ng/ul	98
13) 2-Methylphenol	8.641	108	61930	30.792	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.717	45	89072	30.217	ng/ul	97
16) Acetophenone	9.029	105	97208	29.879	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.999	70	57809	30.922	ng/ul	97
18) 4-Methylphenol	8.970	108	66319	30.837	ng/ul	100
19) Hexachloroethane	9.281	117	23748	29.396	ng/ul	96
22) Nitrobenzene	9.416	77	82816	30.726	ng/ul	98
23) Isophorone	9.933	82	159620	30.482	ng/ul	99
25) 2-Nitrophenol	10.133	139	36617	30.488	ng/ul	96
26) 2,4-Dimethylphenol	10.180	107	73907	30.098	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.409	93	88810	30.721	ng/ul	98
29) 2,4-Dichlorophenol	10.674	162	59615	30.783	ng/ul	96
30) Naphthalene	11.073	128	197890	29.867	ng/ul	98
32) 4-Chloroaniline	11.185	127	81212	28.102	ng/ul	100
33) Hexachlorobutadiene	11.338	225	37740	28.253	ng/ul	100
34) Caprolactam	11.949	113	23801m	31.262	ng/ul	11/24/21 JU
35) 4-Chloro-3-methylphenol	12.301	107	75749	32.561	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.665	142	139316	30.913	ng/ul	99
37) 1-Methylnaphthalene	12.883	142	140841	30.376	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.030	216	82084	30.235	ng/ul	96
40) Hexachlorocyclopentadiene	13.000	237	18939	17.259	ng/ul	99
41) 2,4,6-Trichlorophenol	13.271	196	52568	30.856	ng/ul	97
42) 2,4,5-Trichlorophenol	13.353	196	56504	31.672	ng/ul	99
43) 1,1'-Biphenyl	13.664	154	192461	29.798	ng/ul	99
44) 2-Chloronaphthalene	13.711	162	152091	29.602	ng/ul	98
45) 2-Nitroaniline	13.923	65	57572	32.377	ng/ul	94
47) Dimethylphthalate	14.269	163	201827	29.967	ng/ul	99
48) 2,6-Dinitrotoluene	14.405	165	44802	31.668	ng/ul	97
50) Acenaphthylene	14.557	152	249890	30.145	ng/ul	97
51) 3-Nitroaniline	14.740	138	41851	29.928	ng/ul	90
52) Acenaphthene	14.892	153	167588	30.655	ng/ul	98
53) 2,4-Dinitrophenol	14.963	184	18687	23.897	ng/ul#	83
55) 4-Nitrophenol	15.057	109	28508	30.512	ng/ul	90
56) Dibenzofuran	15.227	168	235627	29.881	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	63266	31.310	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.456	232	45636	32.575	ng/ul	97
59) Diethylphthalate	15.621	149	216495	30.624	ng/ul	99
61) Fluorene	15.874	166	194291	30.760	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.856	204	101165	29.720	ng/ul	97
63) 4-Nitroaniline	15.903	138	43938	32.287	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.962	198	33748	29.475	ng/ul#	96
67) N-Nitrosodiphenylamine	16.073	169	174437	31.670	ng/ul	97
68) 4-Bromophenyl-phenylether	16.755	248	65188	31.614	ng/ul	94
69) Hexachlorobenzene	16.878	284	65793	31.291	ng/ul	97
70) Atrazine	17.019	200	68432	29.563	ng/ul	99
71) Pentachlorophenol	17.231	266	22445	24.091	ng/ul	95
72) Phenanthrene	17.619	178	328818	30.954	ng/ul	99
74) Anthracene	17.713	178	324720	30.779	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.635	216	84610	30.150	ng/uL	99
76) Pentachlorobenzene	15.145	250	79192	30.286	ng/uL	97
77) Carbazole	17.983	167	288440	31.147	ng/ul	99
78) Di-n-butylphthalate	18.512	149	366613	30.703	ng/ul	99
80) Fluoranthene	19.622	202	388888	31.627	ng/ul	98
82) Pyrene	19.986	202	379050	31.514	ng/ul	97
83) Butylbenzylphthalate	20.844	149	157211	31.440	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.767	252	113586	29.486	ng/ul	99
85) Benzo(a)anthracene	21.861	228	350995	31.278	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	225796	31.380	ng/ul	100
87) Chrysene	21.931	228	331299	30.731	ng/ul	99
89) Di-n-octyl phthalate	22.983	149	389685	32.082	ng/ul	100
90) Benzo(b)fluoranthene	24.187	252	350588	30.985	ng/ul	99
91) Benzo(k)fluoranthene	24.258	252	326339	30.735	ng/ul	99
93) Benzo(a)pyrene	25.116	252	333169	30.864	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.181	276	374953	31.040	ng/ul	99
95) Dibenzo(a,h)anthracene	29.240	278	314924	30.731	ng/ul	96
96) Benzo(g,h,i)perylene	30.415	276	315434	31.037	ng/ul	98

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