Quantitation Report (QT Reviewed)

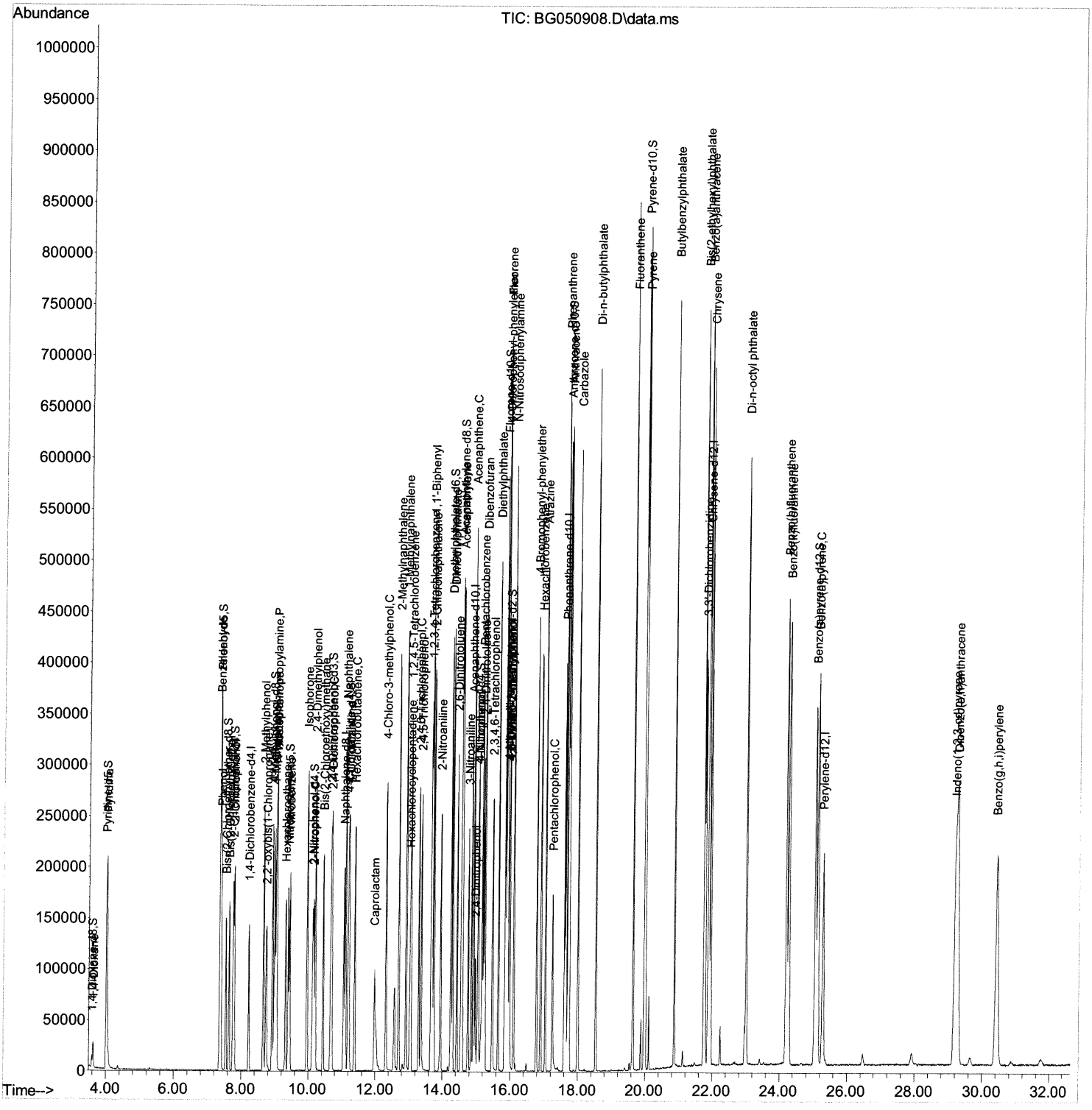
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050908.D
Acq On : 9 Nov 2021 10:40
Operator : CG/JU
Sample : PB140500BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 09 10:35:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS500

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



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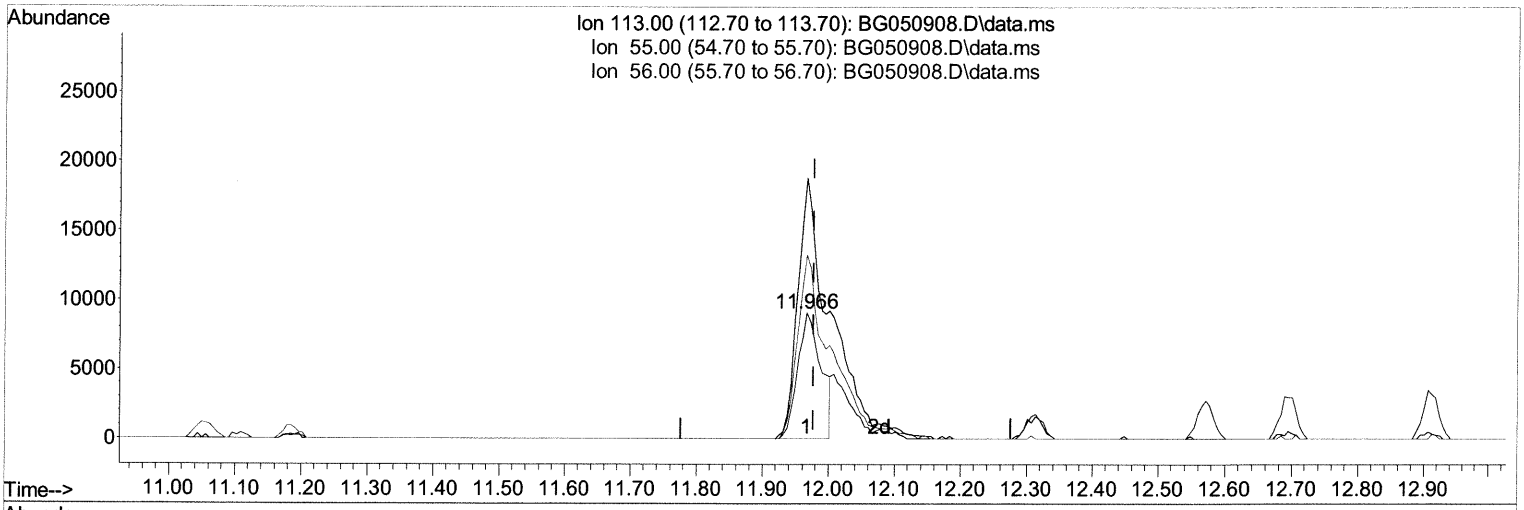

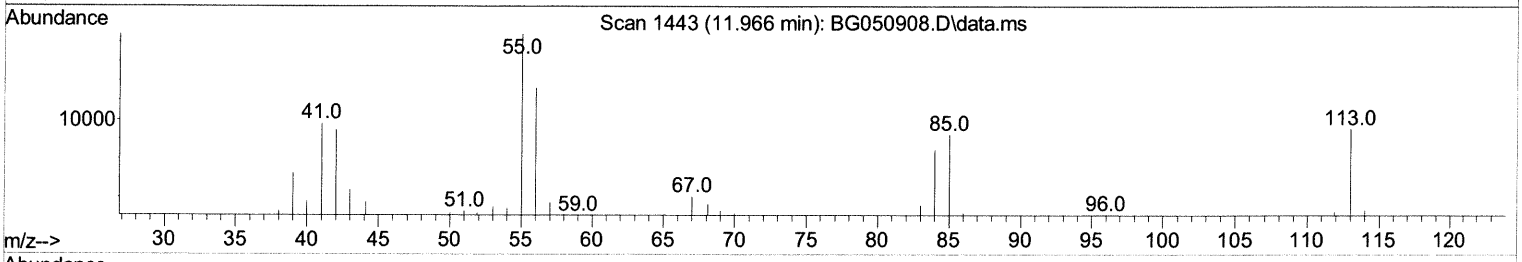

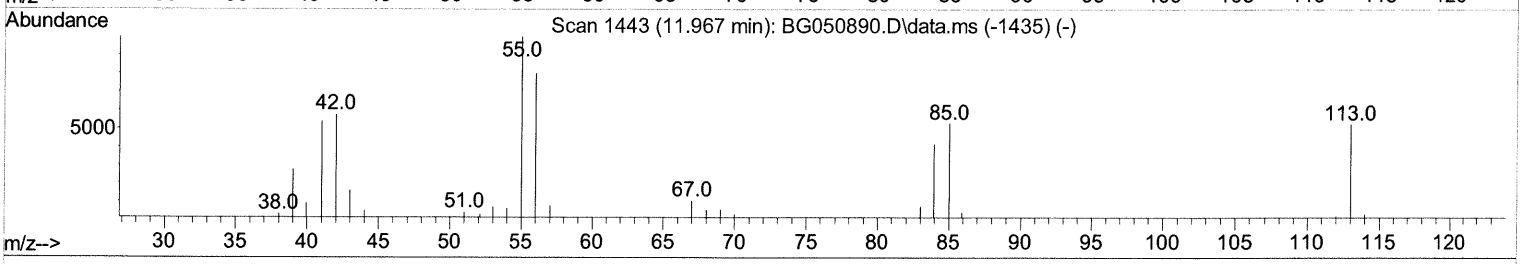

TIC: BG050908.D\data.ms

(34) Caprolactam

11.966min (-0.011) 20.25 ng/ul

response 22510

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	207.59
56.00	136.50	146.21
0.00	0.00	0.00

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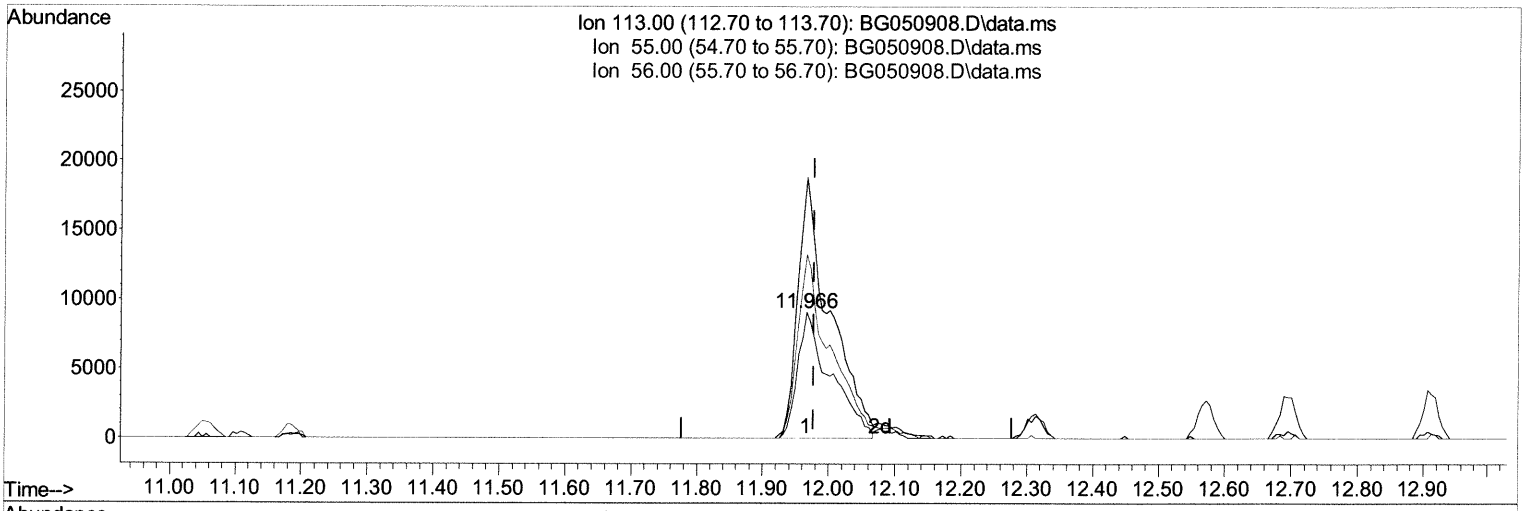

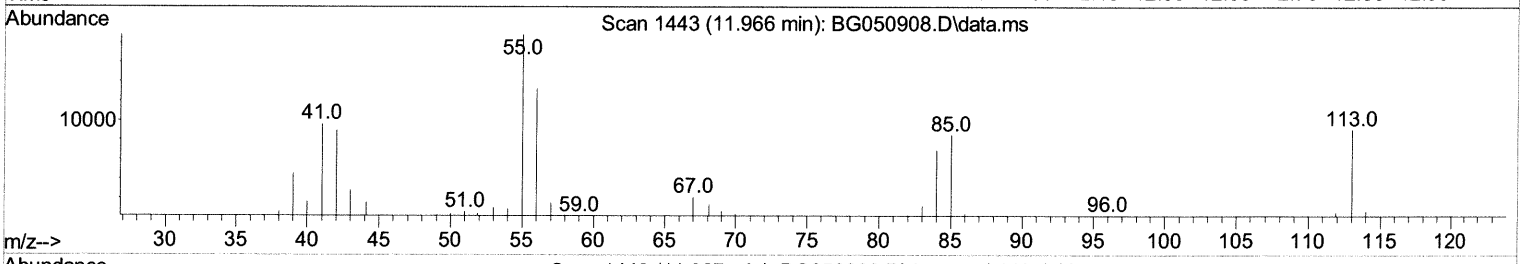

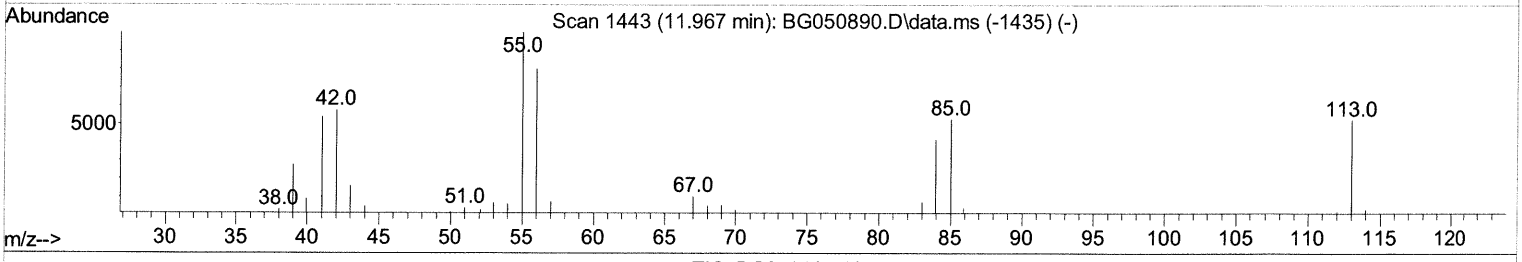

TIC: BG050908.D\data.ms

(34) Caprolactam

11.966min (-0.011) 28.36 ng/ul m 11/11/21

response 31516

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	207.59
56.00	136.50	146.21
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	8.230	152	38155	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	168607	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	112535	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.601	188	246537	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	207382	20.000	ng/ul	#-0.01
88) Perylene-d12	25.298	264	210059	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	6821	5.770	ng/uL	0.00
4) Pyridine-d5	4.011	84	100538	28.428	ng/ul	0.00
7) Phenol-d5	7.372	99	120323	29.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	77775	29.579	ng/ul	0.00
11) 2-Chlorophenol-d4	7.760	132	83042	29.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	92021	28.716	ng/ul	0.00
21) Nitrobenzene-d5	9.405	128	43912	30.647	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	48221	30.267	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	83093	30.962	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	108027	26.580	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	269947	31.354	ng/ul	0.00
49) Acenaphthylene-d8	14.552	160	341348	31.823	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	48421	31.018	ng/ul	0.00
60) Fluorene-d10	15.838	176	243854	31.973	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	45956	30.746	ng/ul	0.00
73) Anthracene-d10	17.695	188	368174	31.587	ng/ul	-0.01
81) Pyrene-d10	19.975	212	426612	31.850	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	363797	31.328	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	15105	11.633	ng/uL	93
5) Pyridine	4.029	79	102748	28.067	ng/ul	97
6) Benzaldehyde	7.360	77	80625	31.404	ng/ul	94
8) Phenol	7.401	94	123124	29.241	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.636	93	93250	29.587	ng/ul	100
12) 2-Chlorophenol	7.789	128	84667	29.561	ng/ul	98
13) 2-Methylphenol	8.664	108	88849	28.548	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.747	45	143692	28.945	ng/ul	98
16) Acetophenone	9.058	105	141409	28.407	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.034	70	84690	28.197	ng/ul	98
18) 4-Methylphenol	8.993	108	95715	28.884	ng/ul	96
19) Hexachloroethane	9.316	117	36162	30.197	ng/ul	90
22) Nitrobenzene	9.446	77	123219	30.834	ng/ul	98
23) Isophorone	9.963	82	234206	30.198	ng/ul	99
25) 2-Nitrophenol	10.163	139	51010	31.914	ng/ul	98
26) 2,4-Dimethylphenol	10.204	107	105200	29.906	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.445	93	129397	30.965	ng/ul	98
29) 2,4-Dichlorophenol	10.697	162	81415	31.101	ng/ul	97
30) Naphthalene	11.109	128	280248	30.396	ng/ul	99
32) 4-Chloroaniline	11.208	127	107118	26.543	ng/ul	98
33) Hexachlorobutadiene	11.373	225	52065	30.303	ng/ul	98
34) Caprolactam	11.966	113	31516m >	28.358	ng/ul >	11/11/21 JU
35) 4-Chloro-3-methylphenol	12.313	107	101865	30.461	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.695	142	188240	29.969	ng/ul	97
37) 1-Methylnaphthalene	12.912	142	189258	29.737	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	102072	31.129	ng/ul	97
40) Hexachlorocyclopentadiene	13.030	237	43314	27.508	ng/ul	98
41) 2,4,6-Trichlorophenol	13.288	196	66611	31.045	ng/ul	99
42) 2,4,5-Trichlorophenol	13.365	196	74062	32.151	ng/ul	98
43) 1,1'-Biphenyl	13.688	154	254538	30.945	ng/ul	98
44) 2-Chloronaphthalene	13.735	162	199686	30.979	ng/ul	97
45) 2-Nitroaniline	13.940	65	80018	31.245	ng/ul	96
47) Dimethylphthalate	14.293	163	270891	31.467	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	57438	31.878	ng/ul	98
50) Acenaphthylene	14.581	152	330714	30.763	ng/ul	98
51) 3-Nitroaniline	14.757	138	54824	29.420	ng/ul	91
52) Acenaphthene	14.916	153	218332	30.886	ng/ul	95
53) 2,4-Dinitrophenol	14.969	184	25849	26.006	ng/ul	92
55) 4-Nitrophenol	15.057	109	42072	29.386	ng/ul	93
56) Dibenzofuran	15.251	168	311622	30.798	ng/ul	100
57) 2,4-Dinitrotoluene	15.210	165	81234	31.591	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.474	232	57508	31.767	ng/ul	98
59) Diethylphthalate	15.650	149	288971	31.359	ng/ul	99
61) Fluorene	15.897	166	245180	30.614	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	128639	30.846	ng/ul	99
63) 4-Nitroaniline	15.921	138	59451	32.158	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.973	198	44937	30.829	ng/ul#	99
67) N-Nitrosodiphenylamine	16.097	169	219612	31.868	ng/ul	98
68) 4-Bromophenyl-phenylether	16.778	248	79353	32.358	ng/ul	98
69) Hexachlorobenzene	16.896	284	79660	31.597	ng/ul	93
70) Atrazine	17.037	200	88557	30.304	ng/ul	99
71) Pentachlorophenol	17.243	266	33404	28.859	ng/ul	99
72) Phenanthrene	17.642	178	418231	31.780	ng/ul	98
74) Anthracene	17.736	178	412153	31.214	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	107284	31.960	ng/uL	99
76) Pentachlorobenzene	15.168	250	95084	30.570	ng/uL	97
77) Carbazole	18.000	167	383968	32.444	ng/ul	97
78) Di-n-butylphthalate	18.535	149	492024	31.639	ng/ul	99
80) Fluoranthene	19.640	202	509526	31.697	ng/ul	99
82) Pyrene	20.004	202	493084	31.393	ng/ul	99
83) Butylbenzylphthalate	20.868	149	216492	32.053	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.778	252	142230	28.162	ng/ul	100
85) Benzo(a)anthracene	21.878	228	456128	31.771	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.743	149	309272	31.899	ng/ul	98
87) Chrysene	21.943	228	436528	31.829	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	524762	30.685	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	464688	31.053	ng/ul	98
91) Benzo(k)fluoranthene	24.281	252	424699	30.244	ng/ul	98
93) Benzo(a)pyrene	25.139	252	437632	30.706	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.199	276	489504	30.853	ng/ul	96
95) Dibenzo(a,h)anthracene	29.275	278	412953	30.761	ng/ul	97
96) Benzo(g,h,i)perylene	30.421	276	411163	30.959	ng/ul	98

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