Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050740.D
Acq On : 27 Oct 2021 11:34
Operator : CG/JU
Sample : PB140133BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 12:42:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS133

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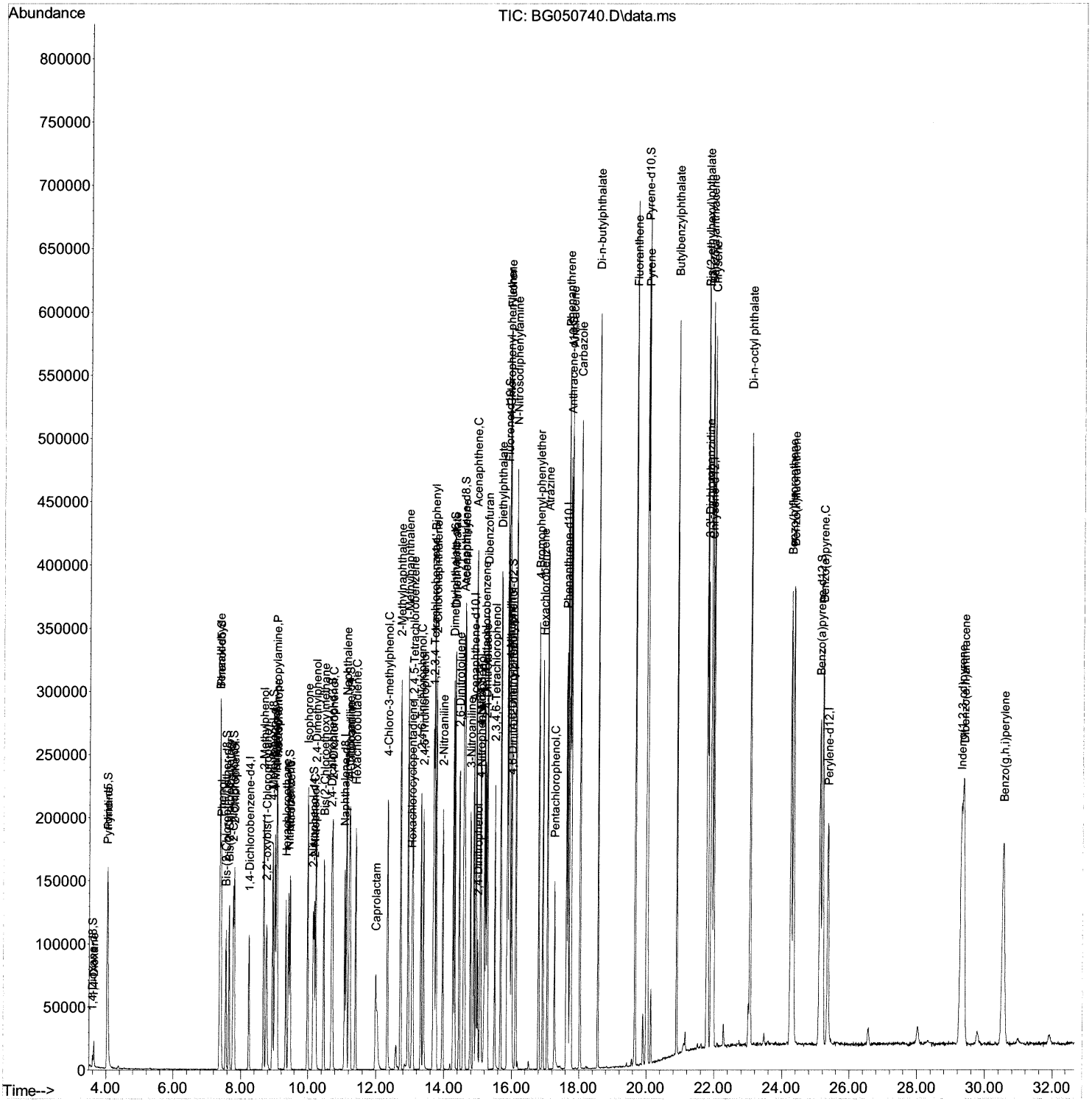

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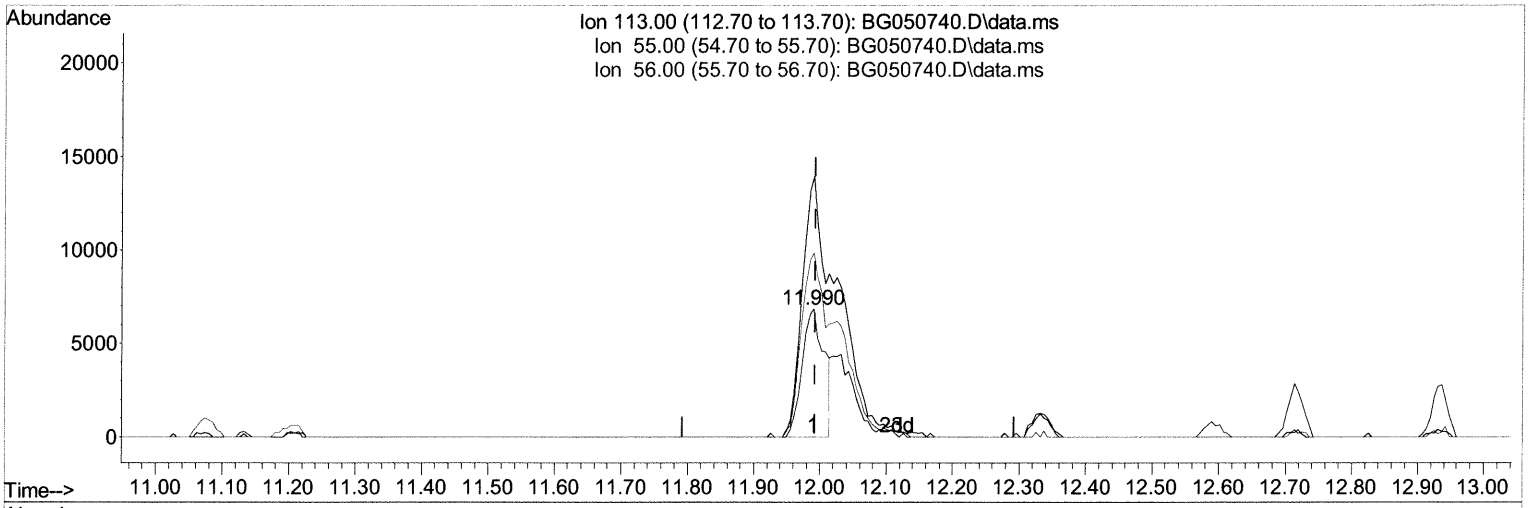

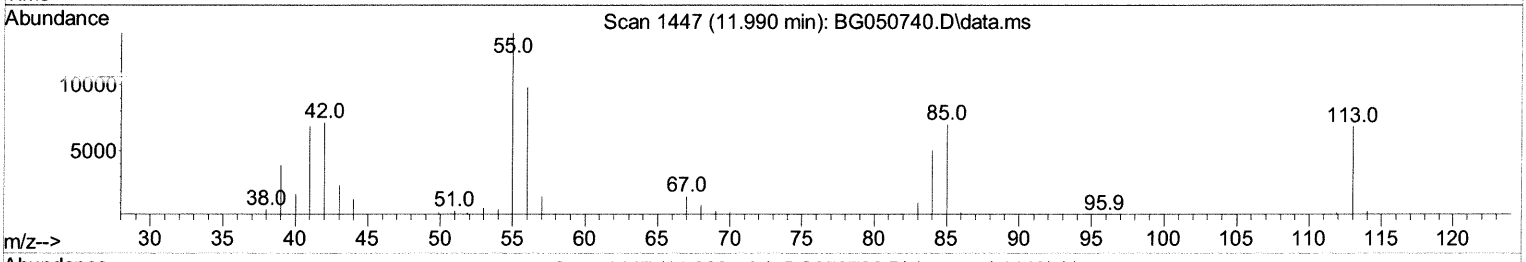

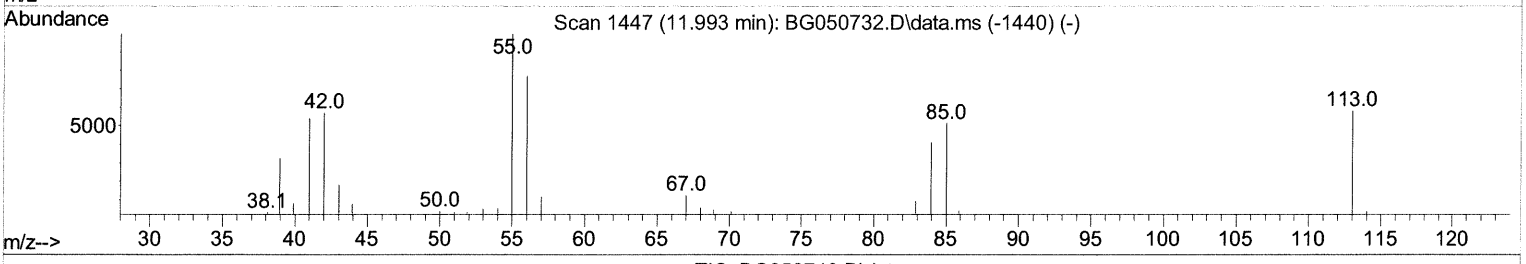

TIC: BG050740.D\data.ms

(34) Caprolactam

11.990min (-0.002) 20.06 ng/ul

response 15909

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	203.80
56.00	132.30	144.15
0.00	0.00	0.00

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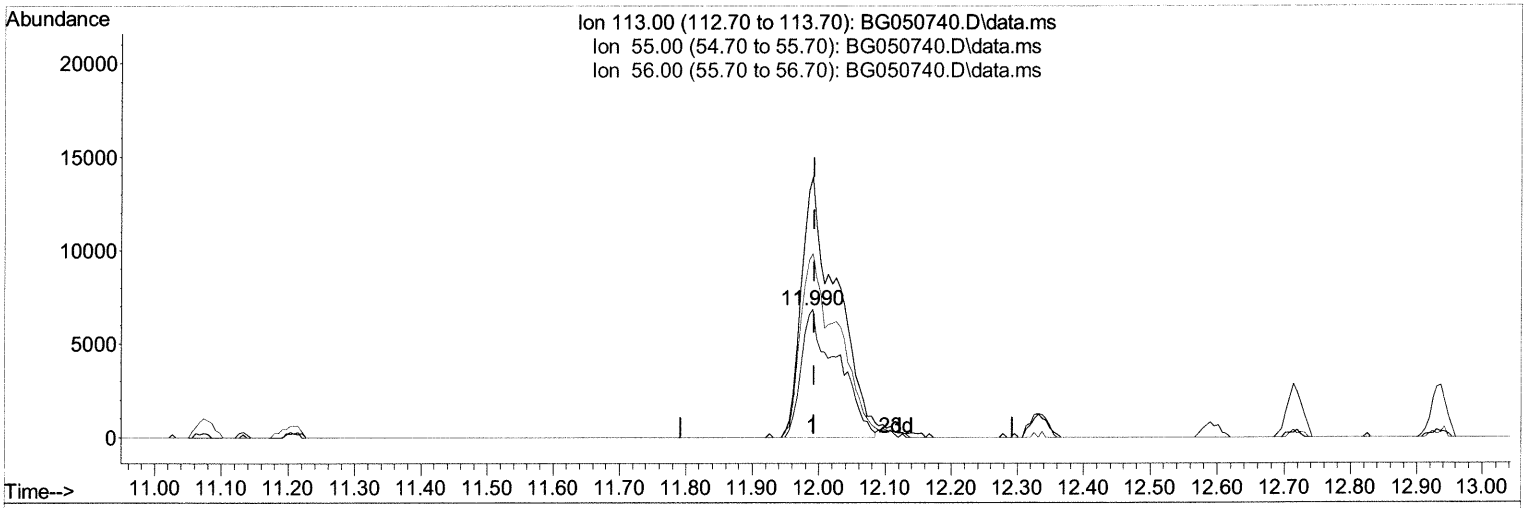

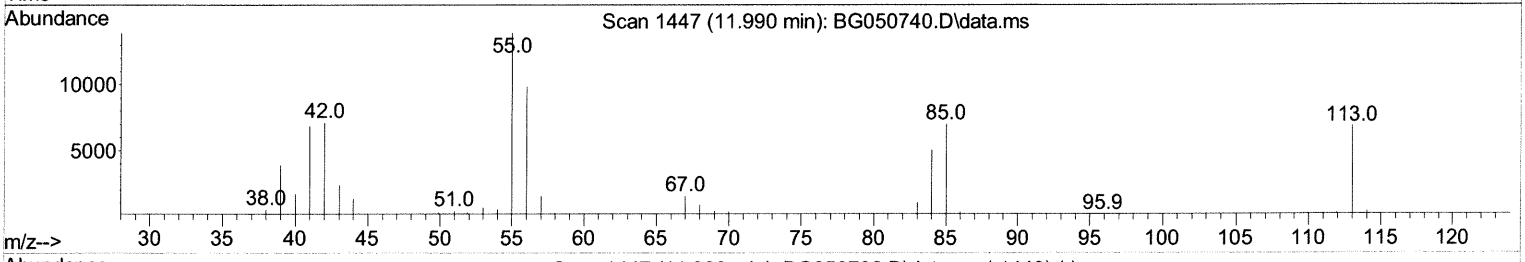

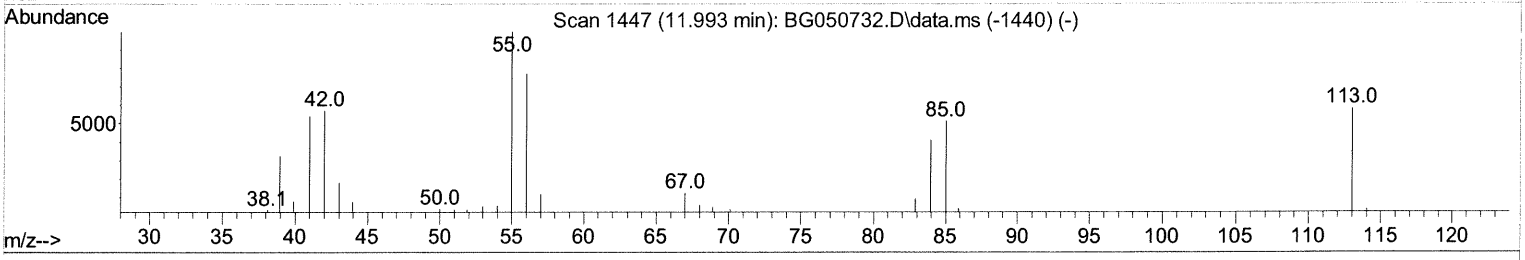

TIC: BG050740.D\data.ms

(34) Caprolactam

11.990min (-0.002) 32.76 ng/ul m 10/30/21 JU

response 25988

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	203.80
56.00	132.30	144.15
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	8.248	152	29611	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	130852	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.875	164	89512	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.625	188	202530	20.000	ng/ul	0.00
79) Chrysene-d12	21.932	240	173339	20.000	ng/ul	0.00
88) Perylene-d12	25.363	264	169232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	5068	6.744	ng/uL	0.00
4) Pyridine-d5	4.029	84	71189	29.913	ng/ul	0.00
7) Phenol-d5	7.390	99	89907	32.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.560	67	56875	32.127	ng/ul	0.00
11) 2-Chlorophenol-d4	7.778	132	63936	33.079	ng/ul	0.00
15) 4-Methylphenol-d8	8.947	113	69507	32.716	ng/ul	0.00
21) Nitrobenzene-d5	9.423	128	32790	32.830	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	36179	32.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.686	165	61961	31.325	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	85393	29.416	ng/ul	0.00
46) Dimethylphthalate-d6	14.270	166	206210	32.620	ng/ul	0.00
49) Acenaphthylene-d8	14.576	160	247126	31.478	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	37761	33.005	ng/ul	0.00
60) Fluorene-d10	15.862	176	178695	32.893	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	37065	31.273	ng/ul	0.00
73) Anthracene-d10	17.725	188	285206	32.844	ng/ul	0.00
81) Pyrene-d10	19.999	212	337351	34.151	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.122	264	276102	31.710	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	11040	11.842	ng/uL#	83
5) Pyridine	4.047	79	78121	31.568	ng/ul	98
6) Benzaldehyde	7.378	77	65997	48.069	ng/ul	95
8) Phenol	7.419	94	94382	32.881	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.654	93	69269	31.986	ng/ul	92
12) 2-Chlorophenol	7.807	128	66128	34.039	ng/ul	92
13) 2-Methylphenol	8.682	108	67433	31.729	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.765	45	113860	33.303	ng/ul	99
16) Acetophenone	9.076	105	107970	32.449	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.053	70	66062	32.826	ng/ul	94
18) 4-Methylphenol	9.011	108	73161	32.640	ng/ul	93
19) Hexachloroethane	9.341	117	28054	33.464	ng/ul	90
22) Nitrobenzene	9.464	77	95135	32.774	ng/ul	100
23) Isophorone	9.981	82	179912	32.603	ng/ul	99
25) 2-Nitrophenol	10.181	139	38111	32.472	ng/ul	94
26) 2,4-Dimethylphenol	10.228	107	82774	32.261	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.463	93	97897	32.720	ng/ul	99
29) 2,4-Dichlorophenol	10.715	162	62304	32.603	ng/ul	94
30) Naphthalene	11.127	128	216185	32.387	ng/ul	98
32) 4-Chloroaniline	11.232	127	87614	30.051	ng/ul	94
33) Hexachlorobutadiene	11.397	225	42417	32.752	ng/ul	98
34) Caprolactam	11.990	113	25988m	32.763	ng/ul	96
35) 4-Chloro-3-methylphenol	12.331	107	77954	32.764	ng/ul	96

10/28/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.713	142	146148	32.736	ng/ul	97
37) 1-Methylnaphthalene	12.930	142	145806	32.336	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.077	216	79199	31.849	ng/ul#	97
40) Hexachlorocyclopentadiene	13.048	237	35247	26.371	ng/ul	91
41) 2,4,6-Trichlorophenol	13.312	196	52882	32.308	ng/ul	94
42) 2,4,5-Trichlorophenol	13.389	196	54387	31.484	ng/ul	98
43) 1,1'-Biphenyl	13.712	154	195938	31.593	ng/ul	100
44) 2-Chloronaphthalene	13.759	162	151481	31.540	ng/ul	98
45) 2-Nitroaniline	13.959	65	63473	33.136	ng/ul	93
47) Dimethylphthalate	14.317	163	211126	33.259	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	43408	33.185	ng/ul	92
50) Acenaphthylene	14.605	152	252702	31.484	ng/ul	98
51) 3-Nitroaniline	14.775	138	47075	37.242	ng/ul	89
52) Acenaphthene	14.940	153	168810	32.193	ng/ul	98
53) 2,4-Dinitrophenol	14.987	184	22622	31.007	ng/ul#	86
55) 4-Nitrophenol	15.075	109	36936	33.573	ng/ul	91
56) Dibenzofuran	15.269	168	240057	32.379	ng/ul	96
57) 2,4-Dinitrotoluene	15.228	165	64004	34.102	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.492	232	44799	33.271	ng/ul#	87
59) Diethylphthalate	15.668	149	230279	33.958	ng/ul	99
61) Fluorene	15.921	166	190718	32.408	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.903	204	101789	32.796	ng/ul	97
63) 4-Nitroaniline	15.939	138	48705	41.163	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.997	198	36352	31.751	ng/ul	92
67) N-Nitrosodiphenylamine	16.121	169	175908	32.687	ng/ul	95
68) 4-Bromophenyl-phenylether	16.802	248	61625	32.295	ng/ul	92
69) Hexachlorobenzene	16.926	284	64250	32.969	ng/ul	96
70) Atrazine	17.061	200	74054	32.143	ng/ul	97
71) Pentachlorophenol	17.267	266	27669	27.861	ng/ul	97
72) Phenanthrene	17.666	178	341199	33.701	ng/ul	99
74) Anthracene	17.760	178	335783	33.248	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.682	216	81359	30.045	ng/uL	98
76) Pentachlorobenzene	15.192	250	74217	29.675	ng/uL	99
77) Carbazole	18.024	167	320970	34.226	ng/ul	99
78) Di-n-butylphthalate	18.559	149	412701	34.845	ng/ul	100
80) Fluoranthene	19.664	202	422962	33.595	ng/ul	97
82) Pyrene	20.028	202	409405	33.256	ng/ul#	96
83) Butylbenzylphthalate	20.892	149	175618	33.650	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.814	252	128497	33.421	ng/ul	98
85) Benzo(a)anthracene	21.908	228	368185	33.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.779	149	251021	33.798	ng/ul	99
87) Chrysene	21.979	228	353708	33.792	ng/ul	98
89) Di-n-octyl phthalate	23.060	149	425712	34.552	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	373662	34.592	ng/ul	98
91) Benzo(k)fluoranthene	24.335	252	335499	33.327	ng/ul	99
93) Benzo(a)pyrene	25.198	252	350114	33.816	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.299	276	385671	33.709	ng/ul	97
95) Dibenzo(a,h)anthracene	29.370	278	332759	33.816	ng/ul	99
96) Benzo(g,h,i)perylene	30.545	276	324403	33.940	ng/ul	96

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