Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050368.D
Acq On : 1 Oct 2021 23:13
Operator : CG/JU
Sample : M3874-02MS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Oct 02 00:02:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW7S7MS

Manual Integrations APPROVED
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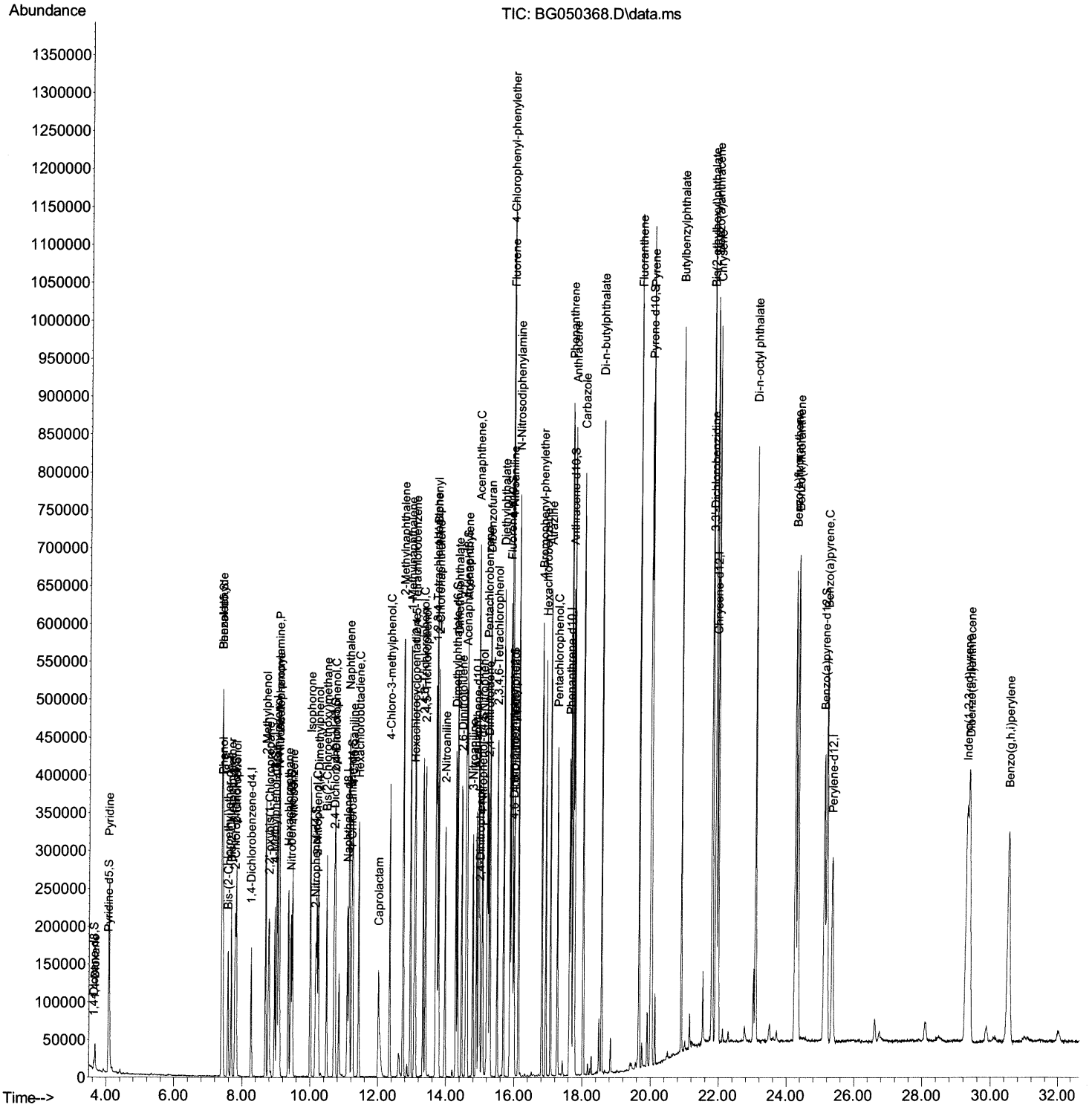
10/4/2021 11:50:28 AM



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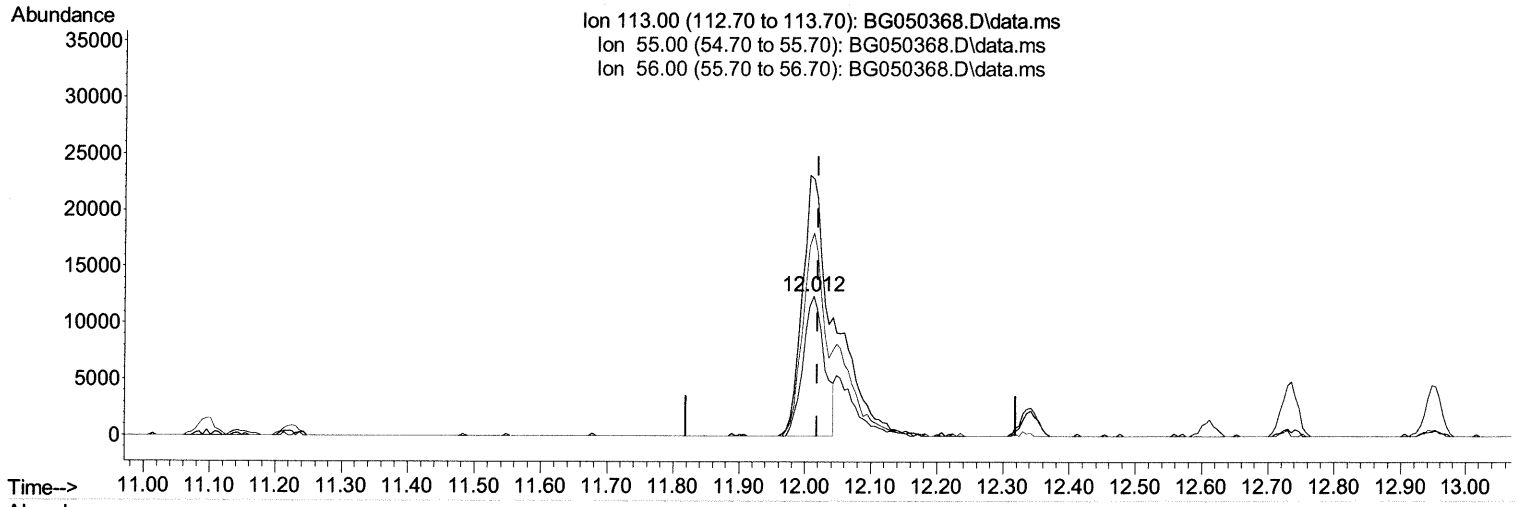

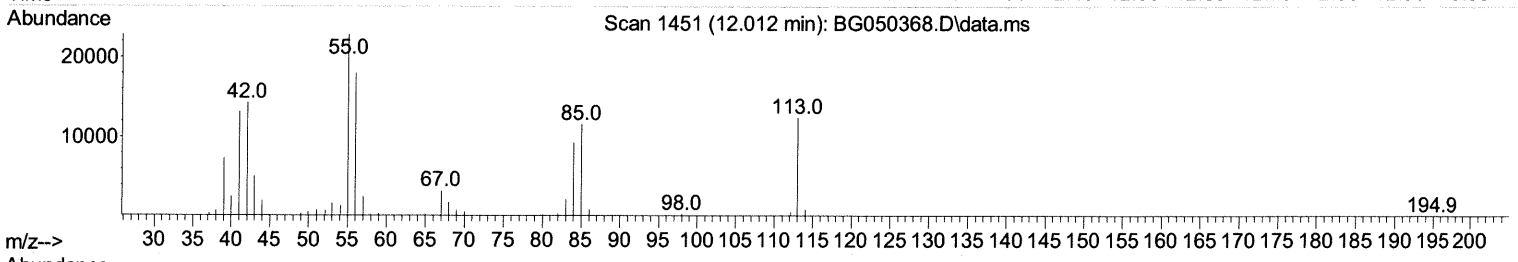

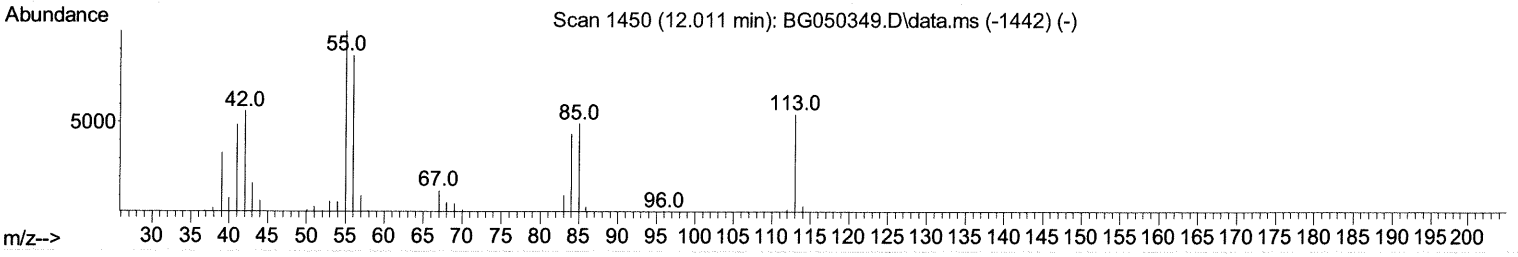

TIC: BG050368.D\data.ms

(34) Caprolactam

12.012min (-0.006) 27.42 ng/ul

response 28429

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	183.84
56.00	132.30	144.97
0.00	0.00	0.00

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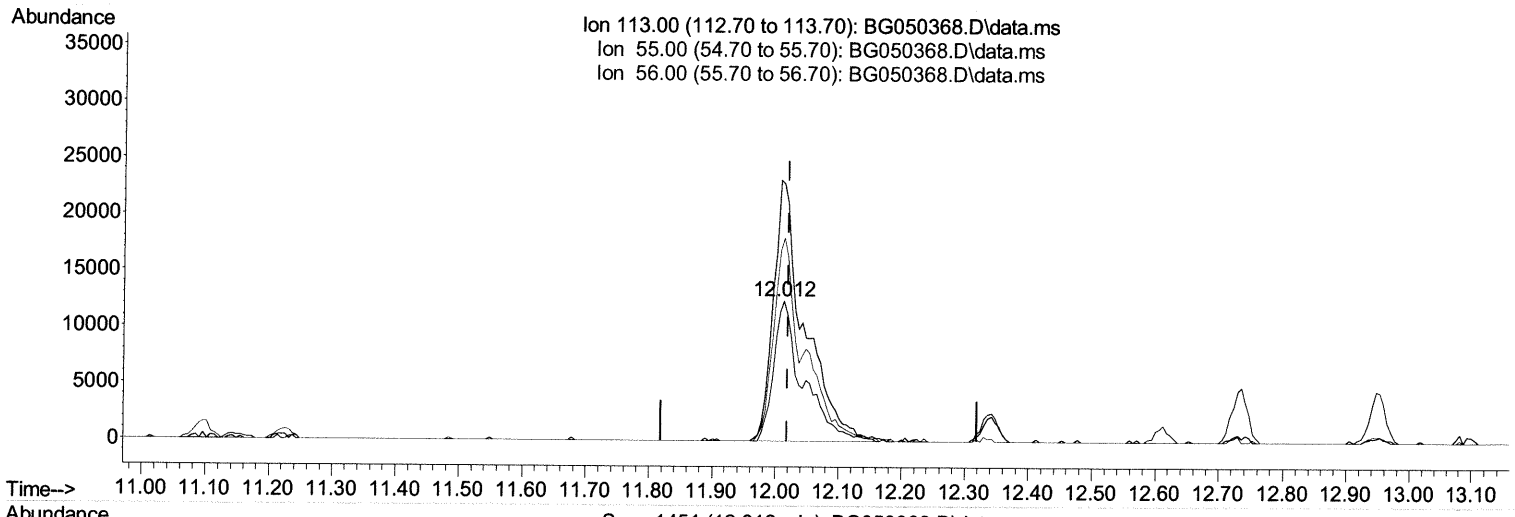

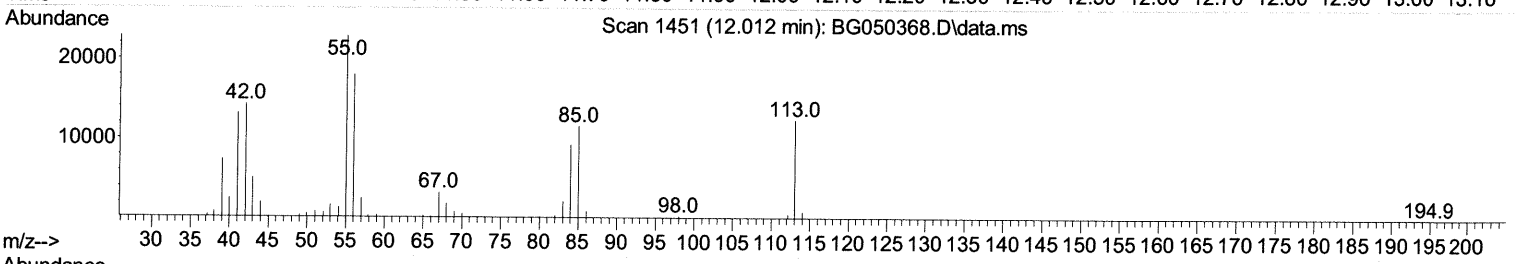

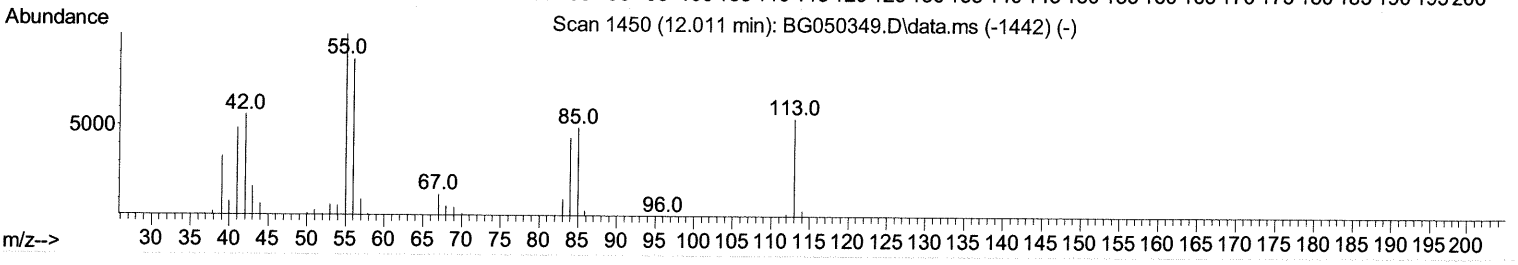

TIC: BG050368.D\data.ms

(34) Caprolactam

12.012min (-0.006) 38.79 ng/ul m 10/05/21 JU

response 40216

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	183.84
56.00	132.30	144.97
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	8.270	152	45015	20.000	ng/ul	0.00
20) Naphthalene-d8	11.096	136	182846	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	123129	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.629	188	269079	20.000	ng/ul	0.00
79) Chrysene-d12	21.936	240	250346	20.000	ng/ul	-0.01
88) Perylene-d12	25.356	264	256969	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	7096	5.792	ng/uL	0.00
4) Pyridine-d5	4.063	84	58348	15.981	ng/ul	0.00
7) Phenol-d5	7.400	99	125785	31.983	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	85917	34.711	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	90084	32.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	86402	29.025	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	47373	37.036	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	49804	36.279	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.702	165	94334	34.799	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	110135	28.439	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	279052	33.115	ng/ul	-0.01
49) Acenaphthylene-d8	14.586	160	354458	33.495	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	49251	30.346	ng/ul	0.00
60) Fluorene-d10	15.873	176	254348	33.502	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.978	200	44590	33.224	ng/ul	0.00
73) Anthracene-d10	17.729	188	382546	33.653	ng/ul	0.00
81) Pyrene-d10	20.003	212	473800	35.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.121	264	424503	32.853	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	22083	14.897	ng/uL#	88
5) Pyridine	4.080	79	146129	39.513	ng/ul	97
6) Benzaldehyde	7.400	77	112425	43.344	ng/ul	98
8) Phenol	7.430	94	167313	41.505	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.676	93	126979	41.994	ng/ul	99
12) 2-Chlorophenol	7.829	128	114410	40.580	ng/ul	96
13) 2-Methylphenol	8.699	108	119338	40.170	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.793	45	199546	43.985	ng/ul	98
16) Acetophenone	9.098	105	190570	40.292	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.075	70	115055	40.477	ng/ul	96
18) 4-Methylphenol	9.028	108	127236	40.441	ng/ul	95
19) Hexachloroethane	9.363	117	48997	40.436	ng/ul	98
22) Nitrobenzene	9.486	77	171617	44.767	ng/ul	99
23) Isophorone	10.009	82	302595	41.072	ng/ul	99
25) 2-Nitrophenol	10.197	139	63940	45.317	ng/ul	95
26) 2,4-Dimethylphenol	10.238	107	115153	32.879	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.485	93	166473	41.853	ng/ul	98
29) 2,4-Dichlorophenol	10.732	162	114651	42.719	ng/ul	93
30) Naphthalene	11.149	128	375596	40.011	ng/ul	98
32) 4-Chloroaniline	11.249	127	146765	37.643	ng/ul	96
33) Hexachlorobutadiene	11.425	225	77942	39.962	ng/ul	96
34) Caprolactam	12.012	113	40216m>	38.785	ng/ul>	10/05/21 JU
35) 4-Chloro-3-methylphenol	12.341	107	133858	42.304	ng/ul	93

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10/4/2021 11:50:28 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.735	142	269437	42.216	ng/ul	96
37) 1-Methylnaphthalene	12.947	142	257741	40.115	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.088	216	149021	41.938	ng/ul	96
40) Hexachlorocyclopentadiene	13.070	237	77233	32.775	ng/ul	94
41) 2,4,6-Trichlorophenol	13.323	196	96837	43.238	ng/ul	99
42) 2,4,5-Trichlorophenol	13.393	196	103403	42.207	ng/ul	98
43) 1,1'-Biphenyl	13.728	154	336501	40.610	ng/ul	99
44) 2-Chloronaphthalene	13.775	162	265553	40.907	ng/ul	98
45) 2-Nitroaniline	13.969	65	100846	47.450	ng/ul	93
47) Dimethylphthalate	14.333	163	341664	40.298	ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	69635	43.663	ng/ul	91
50) Acenaphthylene	14.615	152	399050	37.175	ng/ul	99
51) 3-Nitroaniline	14.780	138	71341	41.123	ng/ul	90
52) Acenaphthene	14.950	153	293778	41.408	ng/ul	99
53) 2,4-Dinitrophenol	14.985	184	43112	43.368	ng/ul#	88
55) 4-Nitrophenol	15.068	109	67957	42.344	ng/ul	96
56) Dibenzofuran	15.285	168	407414	39.485	ng/ul	95
57) 2,4-Dinitrotoluene	15.238	165	98214	42.409	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.502	232	88613	42.061	ng/ul#	95
59) Diethylphthalate	15.685	149	354772	40.102	ng/ul	98
61) Fluorene	15.931	166	323403	39.396	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.920	204	175545	39.486	ng/ul	92
63) 4-Nitroaniline	15.943	138	72595	41.437	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.996	198	56479	42.573	ng/ul	94
67) N-Nitrosodiphenylamine	16.125	169	287545	42.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	107198	42.790	ng/ul	93
69) Hexachlorobenzene	16.930	284	110859	42.024	ng/ul	95
70) Atrazine	17.071	200	118886	41.041	ng/ul	96
71) Pentachlorophenol	17.271	266	72776	42.125	ng/ul	98
72) Phenanthrene	17.670	178	548404	40.830	ng/ul	99
74) Anthracene	17.764	178	537663	40.419	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	154209	43.470	ng/uL	95
76) Pentachlorobenzene	15.197	250	134580	41.526	ng/uL	99
77) Carbazole	18.029	167	504948	42.410	ng/ul	99
78) Di-n-butylphthalate	18.569	149	611888	43.368	ng/ul	98
80) Fluoranthene	19.668	202	687532	41.128	ng/ul	99
82) Pyrene	20.032	202	675014	40.948	ng/ul	98
83) Butylbenzylphthalate	20.902	149	273382	44.992	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.819	252	201646	39.079	ng/ul	99
85) Benzo(a)anthracene	21.913	228	633066	41.946	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.795	149	410117	46.970	ng/ul	98
87) Chrysene	21.983	228	602285	41.642	ng/ul	99
89) Di-n-octyl phthalate	23.082	149	680900	46.114	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	655895	41.905	ng/ul	99
91) Benzo(k)fluoranthene	24.333	252	623049	42.778	ng/ul	98
93) Benzo(a)pyrene	25.197	252	575573	38.541	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.292	276	708941	42.282	ng/ul	98
95) Dibenzo(a,h)anthracene	29.368	278	592853	41.549	ng/ul	98
96) Benzo(g,h,i)perylene	30.526	276	580030	41.037	ng/ul	99

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