Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007546.D
Acq On : 21 Oct 2021 10:05
Operator : CG/JU
Sample : PB140022BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 21 10:53:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS022

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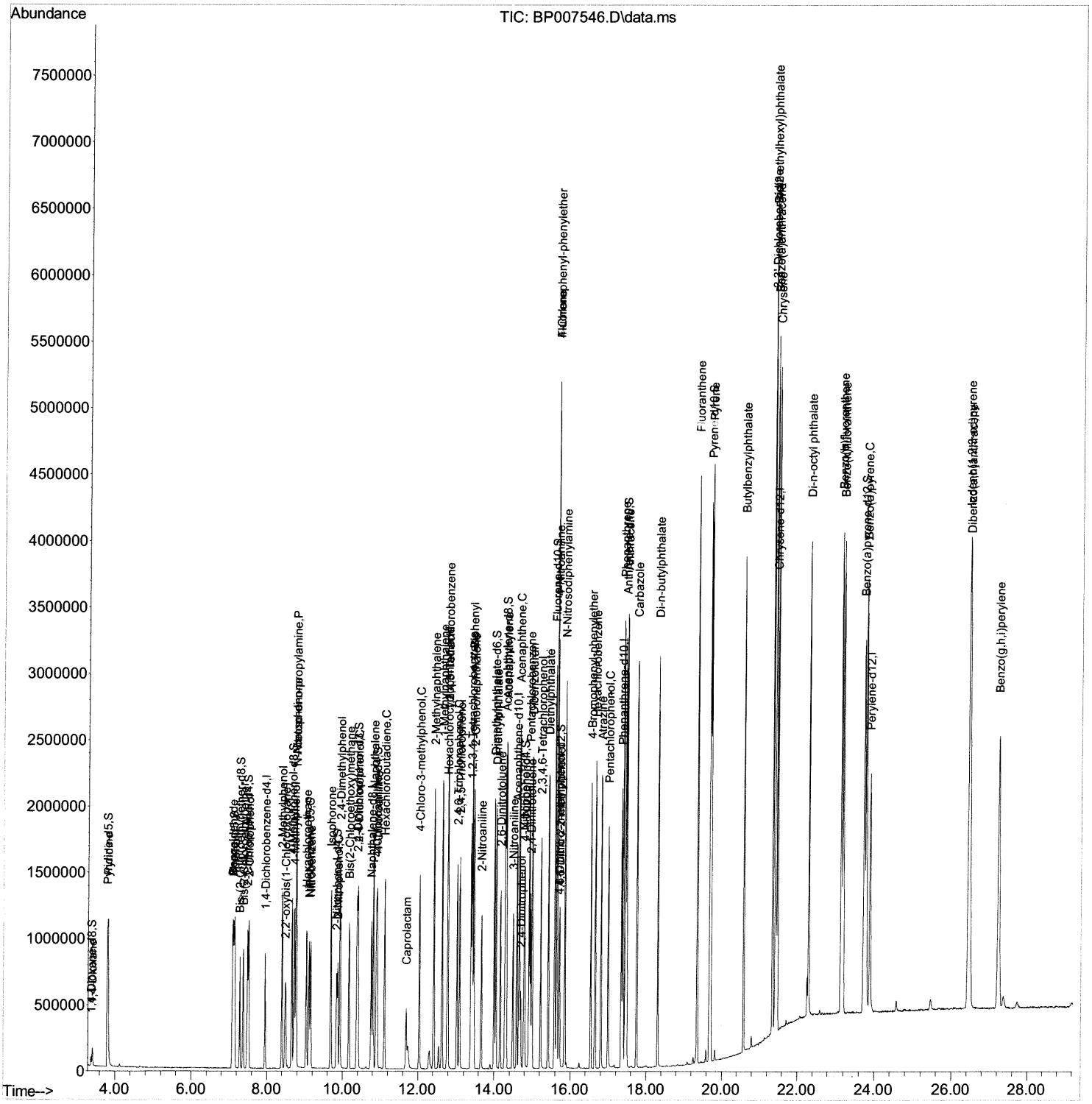

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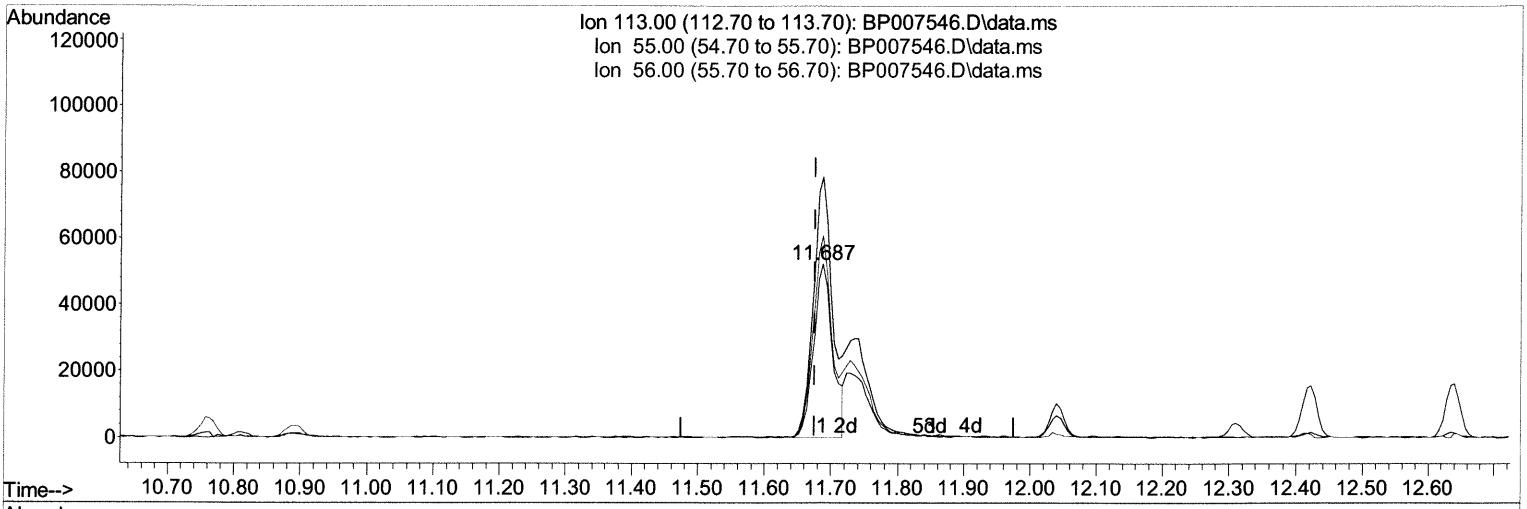

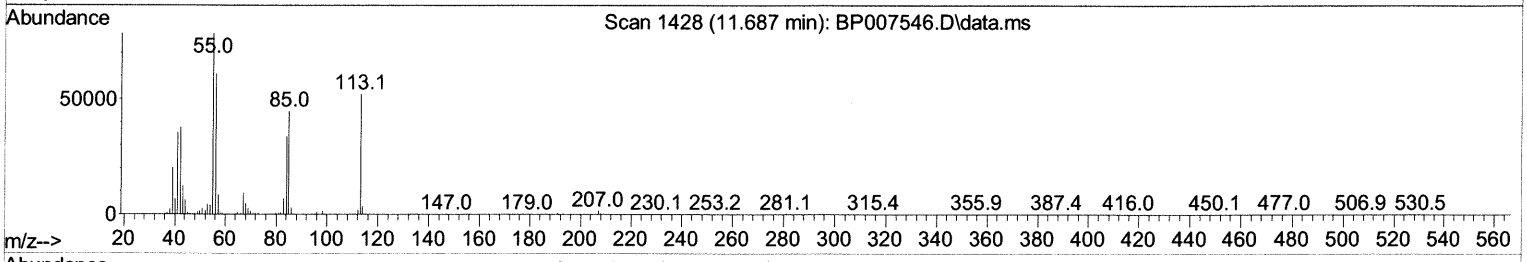

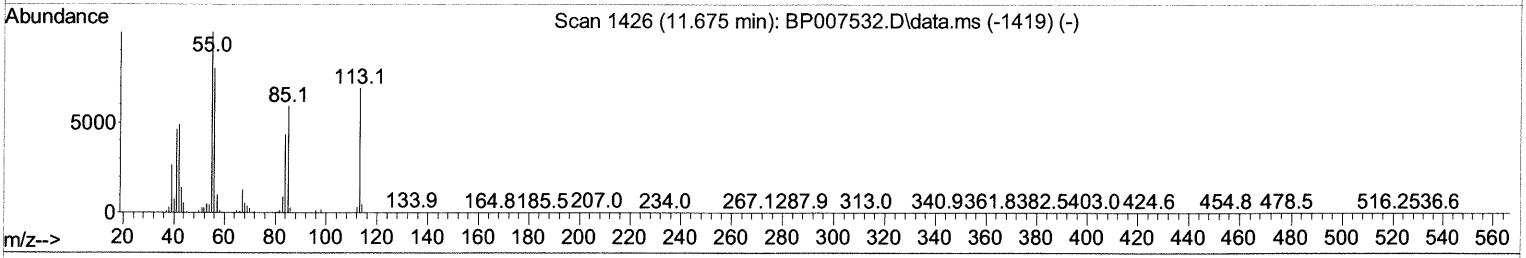

TIC: BP007546.D\data.ms

(34) Caprolactam

11.687min (+ 0.012) 29.25 ng/ul

response 103061

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	150.22
56.00	120.30	116.43
0.00	0.00	0.00

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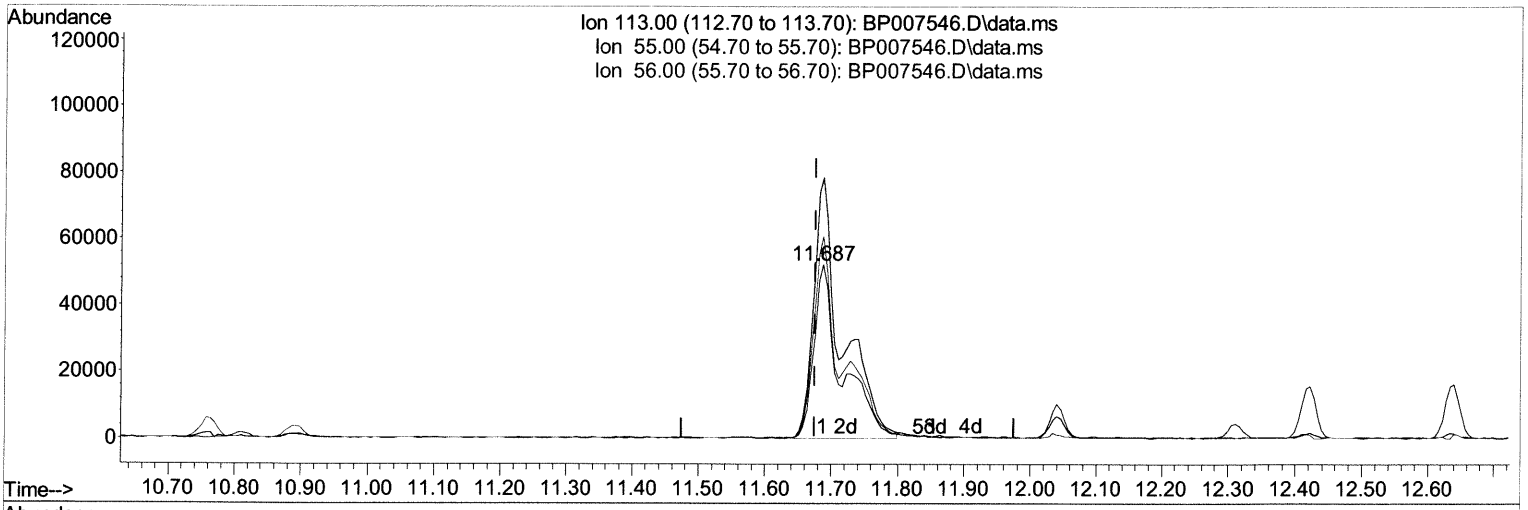

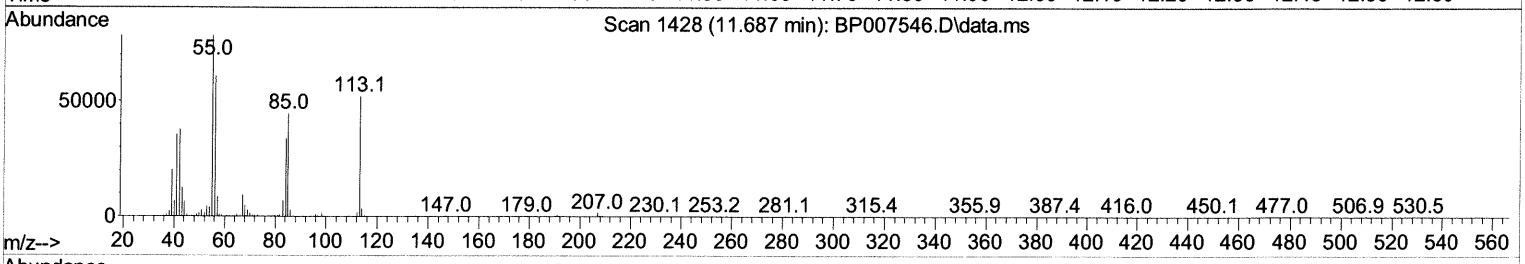

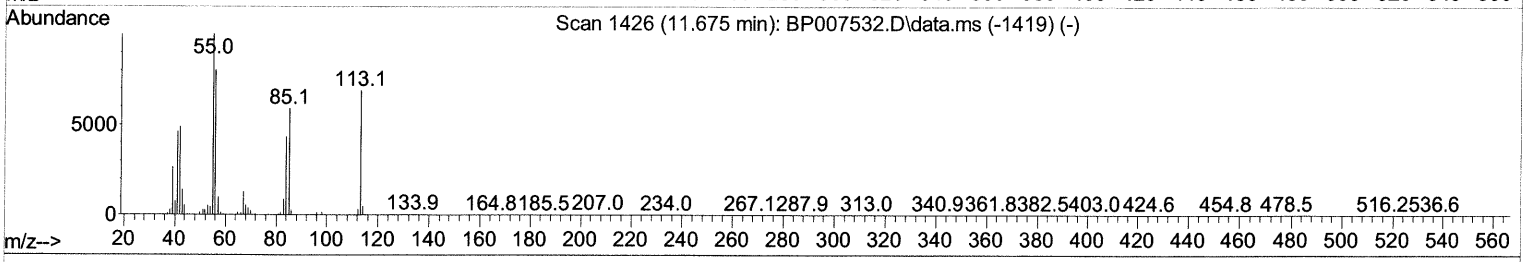

TIC: BP007546.D\data.ms

(34) Caprolactam

11.687min (+ 0.012) 42.98 ng/ul m 10/26/21 JD

response 151409

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	150.22
56.00	120.30	116.43
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	7.952	152	238143	20.000	ng/ul	0.00
20) Naphthalene-d8	10.758	136	947693	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	588036	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1266880	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1297636	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1379235	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	35928	5.959	ng/uL	0.00
4) Pyridine-d5	3.793	84	523592	31.723	ng/ul	0.00
7) Phenol-d5	7.111	99	622313	33.462	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	354292	31.940	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	492598	33.669	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	492938	34.410	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	231926	38.671	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	240920	43.006	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	487912	35.708	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	600400	32.494	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1389300	34.150	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	1702947	33.308	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	260850	39.959	ng/ul	0.00
60) Fluorene-d10	15.587	176	1185927	34.834	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	191955	37.814	ng/ul	0.00
73) Anthracene-d10	17.445	188	1868669	34.732	ng/ul	0.00
81) Pyrene-d10	19.675	212	2265642	34.925	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	2327721	33.918	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	74199	11.313	ng/uL	90
5) Pyridine	3.811	79	514648	32.239	ng/ul	97
6) Benzaldehyde	7.087	77	373489	35.743	ng/ul	95
8) Phenol	7.140	94	626361	32.941	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	489288	31.884	ng/ul	98
12) 2-Chlorophenol	7.517	128	490019	32.624	ng/ul	99
13) 2-Methylphenol	8.393	108	465533	32.502	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	570725	29.185	ng/ul	99
16) Acetophenone	8.775	105	702659	32.065	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.769	70	342998	30.254	ng/ul	95
18) 4-Methylphenol	8.728	108	499454	32.739	ng/ul	97
19) Hexachloroethane	9.040	117	197248	31.365	ng/ul	98
22) Nitrobenzene	9.152	77	531225	34.498	ng/ul	98
23) Isophorone	9.687	82	1000277	31.029	ng/ul	98
25) 2-Nitrophenol	9.869	139	257069	39.588	ng/ul	95
26) 2,4-Dimethylphenol	9.934	107	542695	32.733	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	633671	31.723	ng/ul	99
29) 2,4-Dichlorophenol	10.405	162	465371	34.652	ng/ul	98
30) Naphthalene	10.810	128	1466295	31.814	ng/ul	100
32) 4-Chloroaniline	10.916	127	605647	32.393	ng/ul	100
33) Hexachlorobutadiene	11.110	225	325309	34.501	ng/ul	99
34) Caprolactam	11.687	113	151409m	42.978	ng/ul	> 10/26/21 JU
35) 4-Chloro-3-methylphenol	12.040	107	499352	34.227	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	1006429	31.950	ng/ul	99
37) 1-Methylnaphthalene	12.640	142	1008921	31.639	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	588050	34.597	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	303418	28.310	ng/ul	100
41) 2,4,6-Trichlorophenol	13.028	196	383072	38.327	ng/ul	95
42) 2,4,5-Trichlorophenol	13.093	196	418162	40.186	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	1351698	32.251	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	1047605	32.452	ng/ul	98
45) 2-Nitroaniline	13.663	65	294332	39.216	ng/ul	96
47) Dimethylphthalate	14.051	163	1330425	32.924	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	271958	40.585	ng/ul	94
50) Acenaphthylene	14.310	152	1667387	32.346	ng/ul	100
51) 3-Nitroaniline	14.487	138	286396	38.357	ng/ul	98
52) Acenaphthene	14.657	153	1081624	32.403	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	122157	39.463	ng/ul	92
55) 4-Nitrophenol	14.793	109	217765	36.925	ng/ul	95
56) Dibenzofuran	14.993	168	1594807	32.904	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	393343	41.792	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.216	232	349720	40.501	ng/ul	97
59) Diethylphthalate	15.422	149	1326015	32.911	ng/ul	99
61) Fluorene	15.640	166	1209198	32.928	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.640	204	629921	33.689	ng/ul	100
63) 4-Nitroaniline	15.651	138	280261	42.340	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.716	198	191668	36.501	ng/ul	100
67) N-Nitrosodiphenylamine	15.845	169	1111976	32.602	ng/ul	98
68) 4-Bromophenyl-phenylether	16.534	248	418100	36.636	ng/ul	96
69) Hexachlorobenzene	16.651	284	482267	35.131	ng/ul	96
70) Atrazine	16.810	200	430676	33.354	ng/ul	99
71) Pentachlorophenol	16.993	266	301756	39.710	ng/ul	98
72) Phenanthrene	17.387	178	2099466	33.149	ng/ul	99
74) Anthracene	17.481	178	2096510	33.097	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	588405	32.022	ng/uL	99
76) Pentachlorobenzene	14.916	250	558909	32.630	ng/uL	99
77) Carbazole	17.745	167	1952838	35.097	ng/ul	99
78) Di-n-butylphthalate	18.310	149	2287805	33.470	ng/ul	99
80) Fluoranthene	19.351	202	2623938	32.599	ng/ul	99
82) Pyrene	19.704	202	2604423	32.087	ng/ul	99
83) Butylbenzylphthalate	20.581	149	1060978	35.603	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.345	252	858587	34.776	ng/ul#	98
85) Benzo(a)anthracene	21.416	228	2682751	33.648	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1521850	33.403	ng/ul	99
87) Chrysene	21.469	228	2539219	32.876	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	2704146	34.746	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2920445	34.790	ng/ul	100
91) Benzo(k)fluoranthene	23.186	252	2573784	32.882	ng/ul	99
93) Benzo(a)pyrene	23.780	252	2740833	34.133	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	3244147	34.875	ng/ul	100
95) Dibenzo(a,h)anthracene	26.474	278	2762093	34.870	ng/ul	99
96) Benzo(g,h,i)perylene	27.239	276	2799342	34.942	ng/ul	98

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