Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007738.D
Acq On : 28 Oct 2021 02:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 95 Sample Multiplier: 1

Quant Time: Oct 28 04:28:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 27 15:37:43 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

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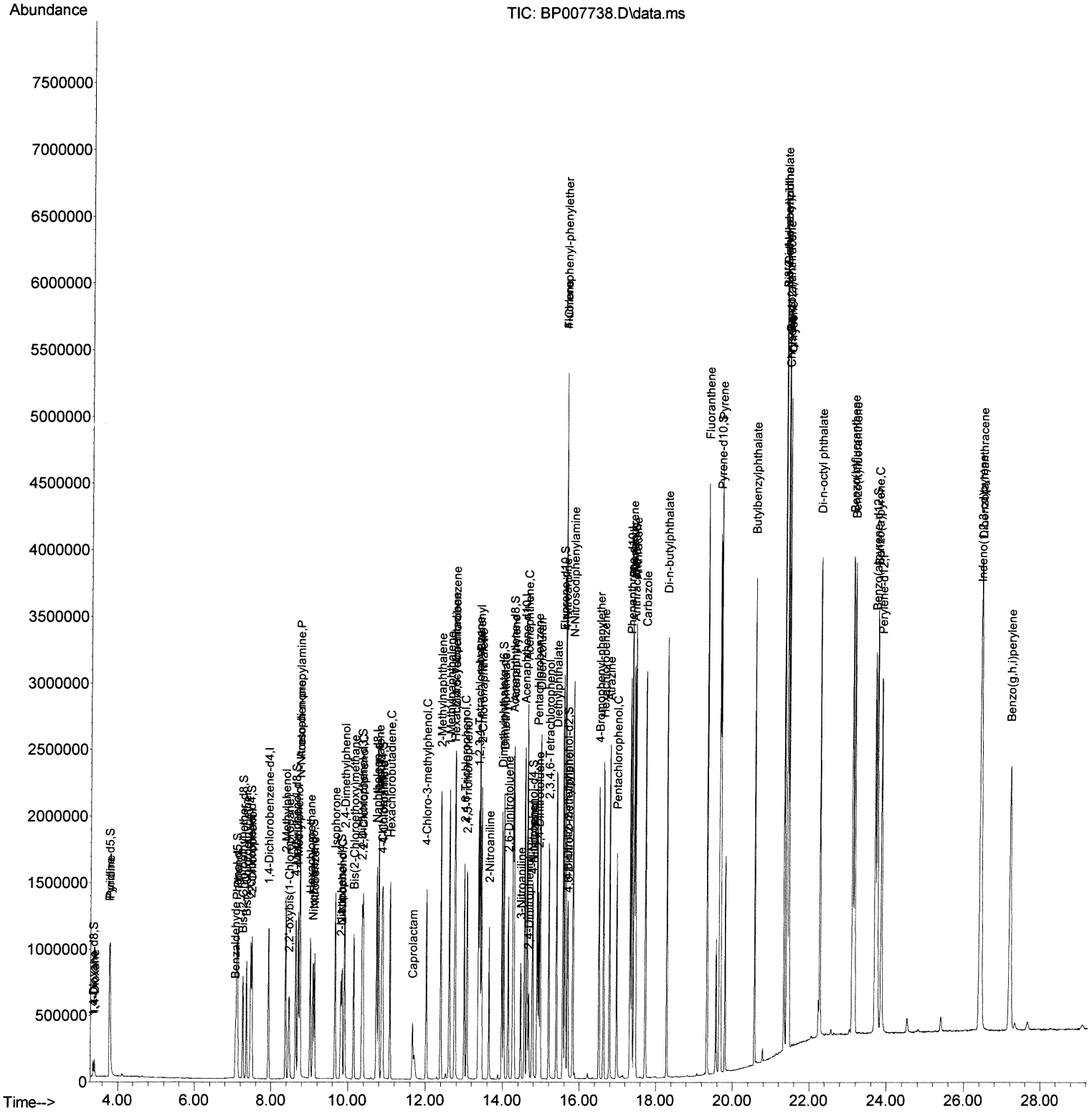

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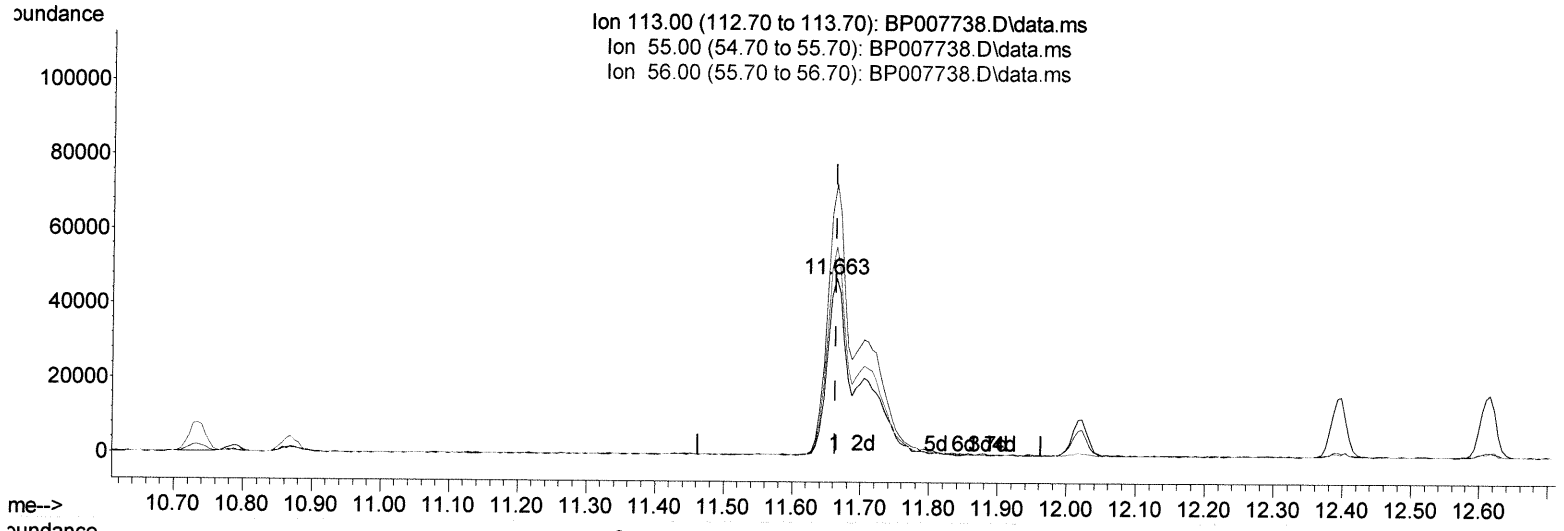

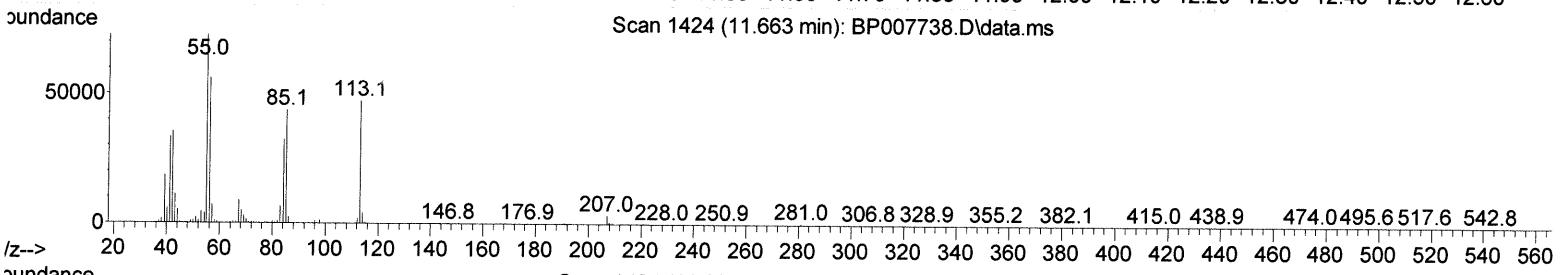

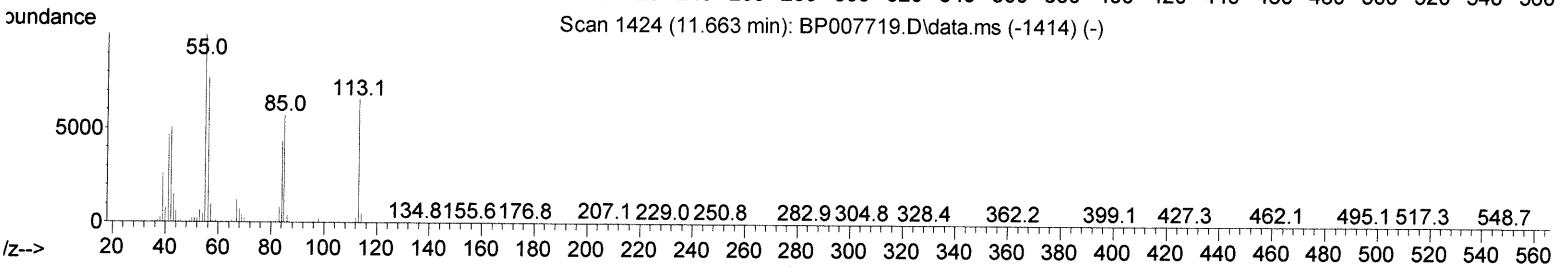

TIC: BP007738.D\data.ms

(34) Caprolactam

11.663min (+ 0.000) 13.71 ng/ul

response 89488

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	153.60
56.00	120.30	118.30
0.00	0.00	0.00

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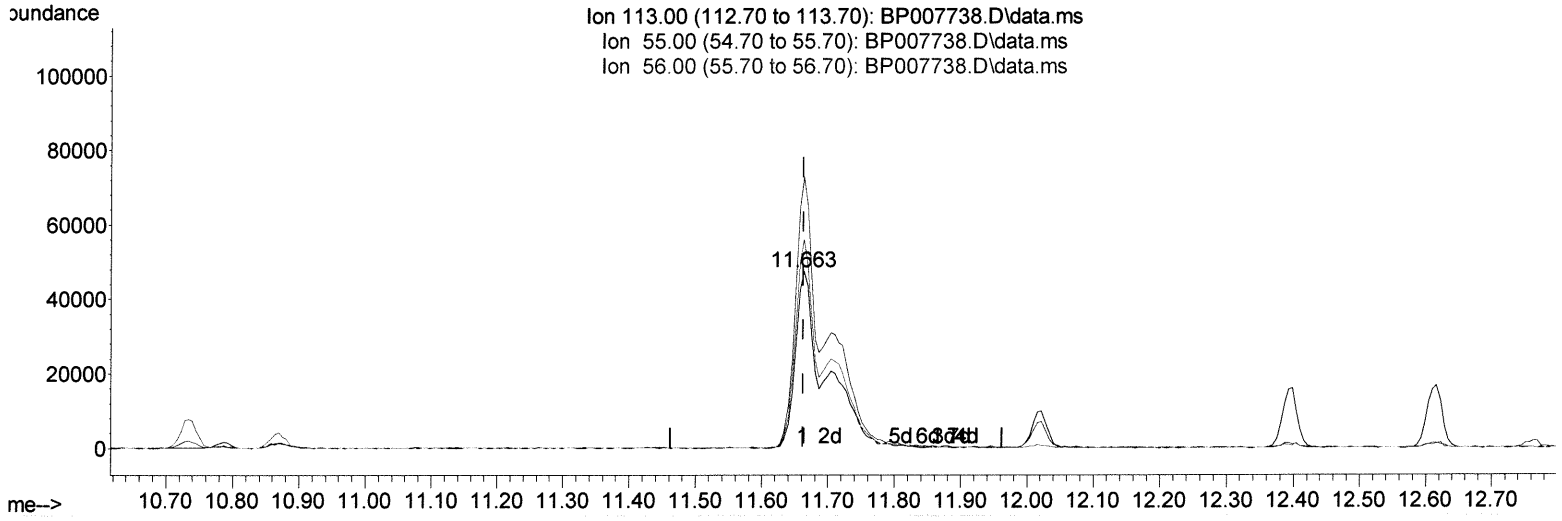

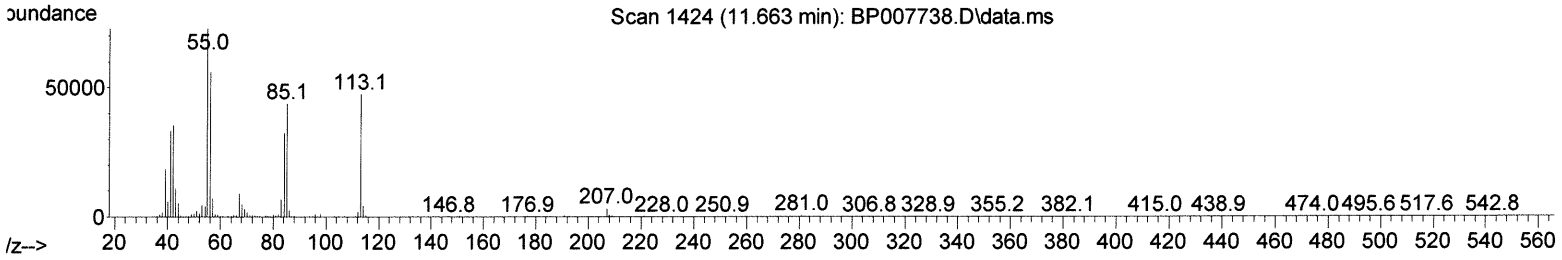

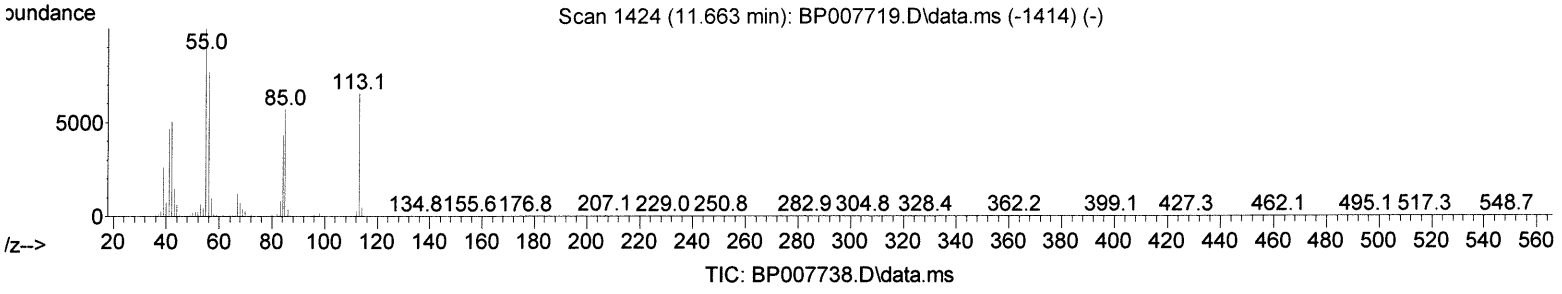

TIC: BP007738.D\data.ms

(34) Caprolactam

11.663min (+ 0.000) 23.20 ng/ul m 10/29/21 JU

response 151407

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	153.60
56.00	120.30	118.30
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	7.934	152	324145	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1340782	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	877270	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	1875557	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	1863027	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	1997173	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	61052	8.556	ng/uL	0.00
4) Pyridine-d5	3.781	84	483691	22.415	ng/ul	0.00
7) Phenol-d5	7.093	99	590159	23.970	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	337037	24.656	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	473032	24.703	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	466860	24.216	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	222705	24.374	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	243873	24.437	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	491867	24.214	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	658384	24.513	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	1398549	23.535	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1735513	23.829	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	252270	23.159	ng/ul	0.00
60) Fluorene-d10	15.563	176	1168891	23.333	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	218820	21.811	ng/ul	0.00
73) Anthracene-d10	17.422	188	1812655	23.517	ng/ul	0.00
81) Pyrene-d10	19.657	212	2129796	24.555	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	2326050	23.709	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	66567	8.344	ng/uL	90
5) Pyridine	3.799	79	473987	22.424	ng/ul	98
6) Benzaldehyde	7.063	77	143111	12.091	ng/ul	97
8) Phenol	7.122	94	600920	24.157	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.352	93	478609	24.405	ng/ul	98
12) 2-Chlorophenol	7.493	128	477107	24.577	ng/ul	98
13) 2-Methylphenol	8.375	108	458570	24.404	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	558321	25.065	ng/ul	98
16) Acetophenone	8.752	105	712369	24.758	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.746	70	350584	25.618	ng/ul	94
18) 4-Methylphenol	8.704	108	496400	24.772	ng/ul	98
19) Hexachloroethane	9.016	117	192296	24.204	ng/ul	92
22) Nitrobenzene	9.134	77	523197	24.267	ng/ul	94
23) Isophorone	9.663	82	1007105	24.419	ng/ul	98
25) 2-Nitrophenol	9.846	139	268659	25.012	ng/ul	93
26) 2,4-Dimethylphenol	9.910	107	551292	24.107	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.146	93	639537	24.189	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	478653	24.052	ng/ul	97
30) Naphthalene	10.787	128	1481119	23.399	ng/ul	100
32) 4-Chloroaniline	10.893	127	660767	24.170	ng/ul	100
33) Hexachlorobutadiene	11.081	225	329594	22.717	ng/ul	99
34) Caprolactam	11.663	113	151407m >	23.203	ng/ul >	10/29/21 JU
35) 4-Chloro-3-methylphenol	12.016	107	508881	24.700	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.392	142	1037148	23.833	ng/ul	99
37) 1-Methylnaphthalene	12.616	142	1051475	23.930	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	613475	23.054	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	365160	21.161	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	399120	23.838	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	433729	24.059	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	1403204	23.154	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	1084611	23.094	ng/ul	98
45) 2-Nitroaniline	13.645	65	295947	24.977	ng/ul	90
47) Dimethylphthalate	14.028	163	1383922	23.562	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	284821	25.389	ng/ul	93
50) Acenaphthylene	14.287	152	1727532	23.427	ng/ul	99
51) 3-Nitroaniline	14.469	138	222273	18.681	ng/ul#	93
52) Acenaphthene	14.634	153	1123819	23.108	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	142740	20.385	ng/ul	93
55) 4-Nitrophenol	14.781	109	213217	22.141	ng/ul	94
56) Dibenzofuran	14.969	168	1654322	23.270	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	405819	25.187	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.192	232	355122	24.167	ng/ul	99
59) Diethylphthalate	15.392	149	1371668	23.812	ng/ul	99
61) Fluorene	15.616	166	1276890	23.042	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	664038	22.596	ng/ul	98
63) 4-Nitroaniline	15.628	138	186722	16.904	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	222141	21.998	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	1143792	23.638	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	421900	23.070	ng/ul	98
69) Hexachlorobenzene	16.628	284	481874	22.754	ng/ul	98
70) Atrazine	16.786	200	463980	23.126	ng/ul	98
71) Pentachlorophenol	16.975	266	295895	22.498	ng/ul	98
72) Phenanthrene	17.369	178	2132754	23.527	ng/ul	100
74) Anthracene	17.457	178	2118161	23.491	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	634906	23.154	ng/uL	99
76) Pentachlorobenzene	14.892	250	608964	23.030	ng/uL	99
77) Carbazole	17.727	167	1925433	23.131	ng/ul	99
78) Di-n-butylphthalate	18.286	149	2304322	24.179	ng/ul	99
80) Fluoranthene	19.333	202	2597598	24.436	ng/ul	99
82) Pyrene	19.686	202	2616847	24.323	ng/ul	98
83) Butylbenzylphthalate	20.563	149	1062482	25.381	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.327	252	772444	22.372	ng/ul	98
85) Benzo(a)anthracene	21.398	228	2610915	23.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1527706	24.560	ng/ul	99
87) Chrysene	21.451	228	2509036	23.456	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2682891	24.116	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2839696	24.131	ng/ul	100
91) Benzo(k)fluoranthene	23.163	252	2545580	23.115	ng/ul	98
93) Benzo(a)pyrene	23.751	252	2705309	23.727	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	3163274	23.291	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	2685948	23.078	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	2705257	23.419	ng/ul	98

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