Quantitation Report (QT Reviewed)

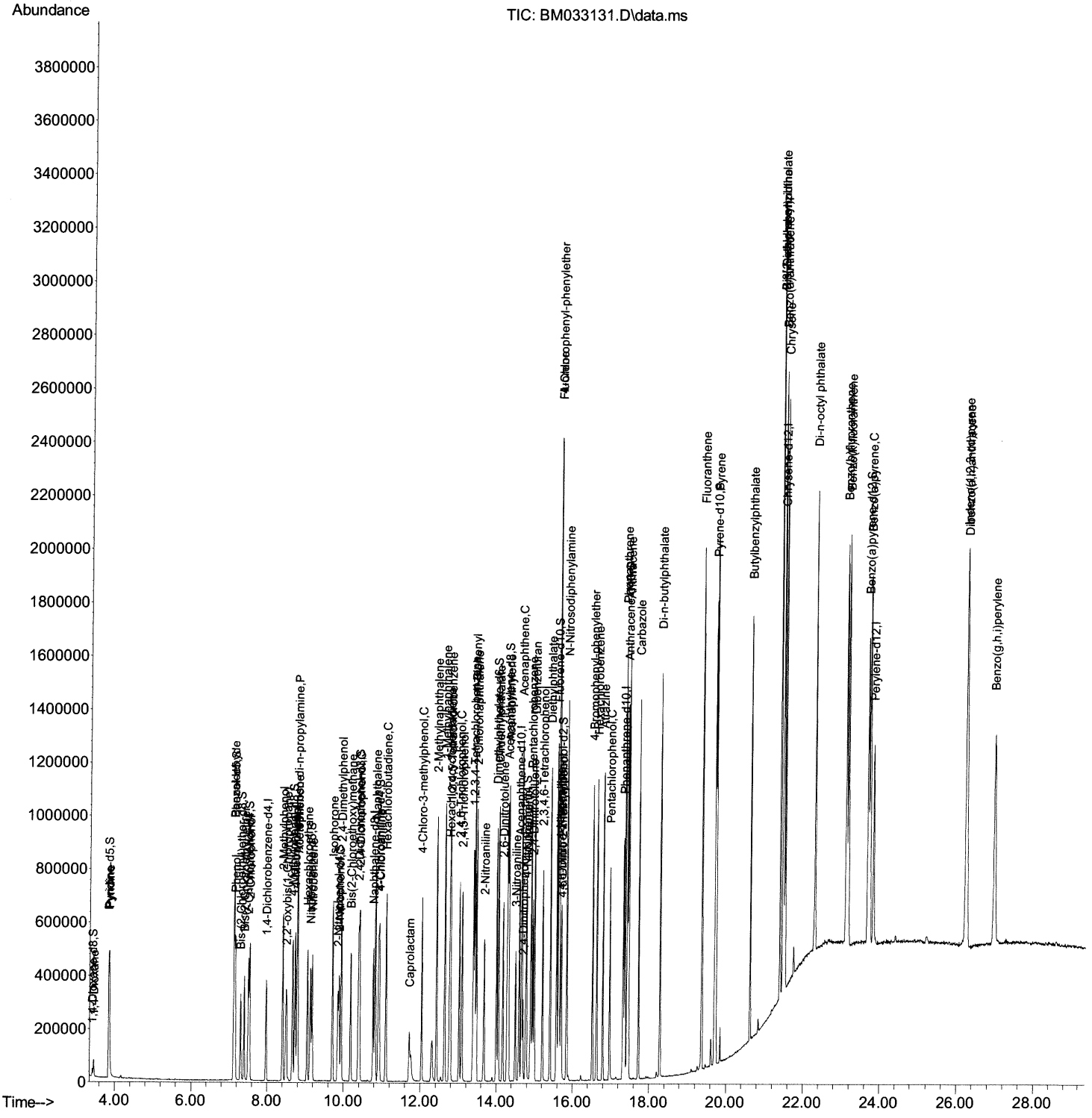
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033131.D
Acq On : 17 Nov 2021 22:12
Operator : CG/JU
Sample : PB140762BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 18 00:36:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 14:14:11 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS762

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/26/2021



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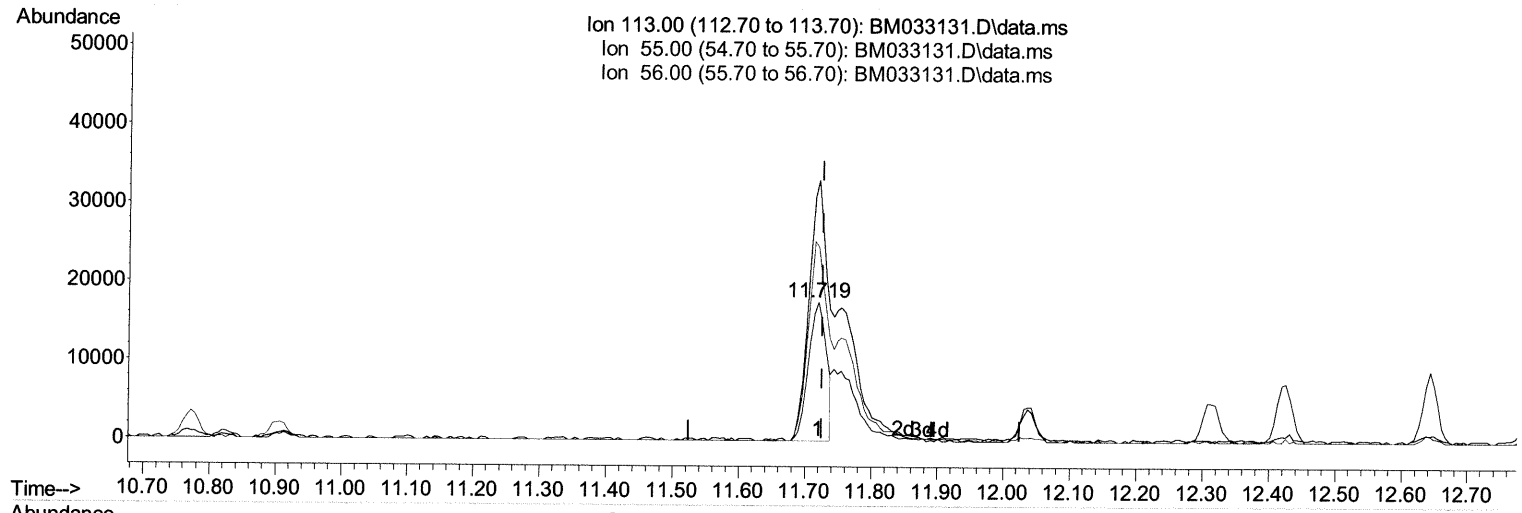

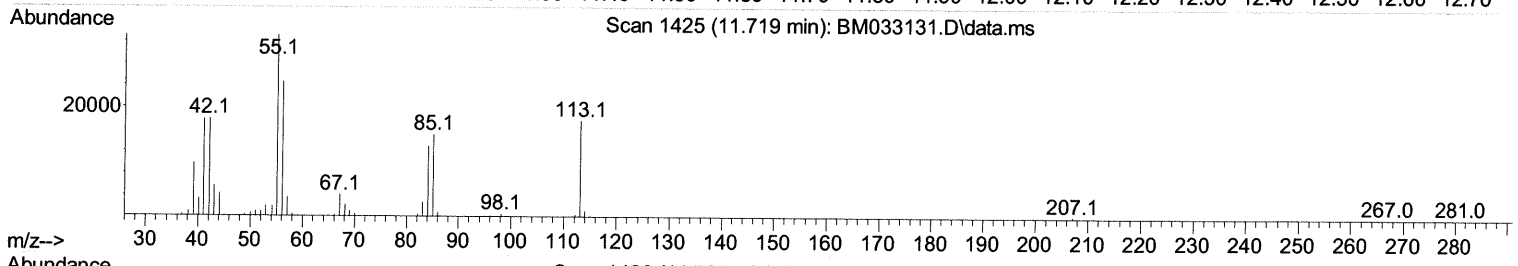

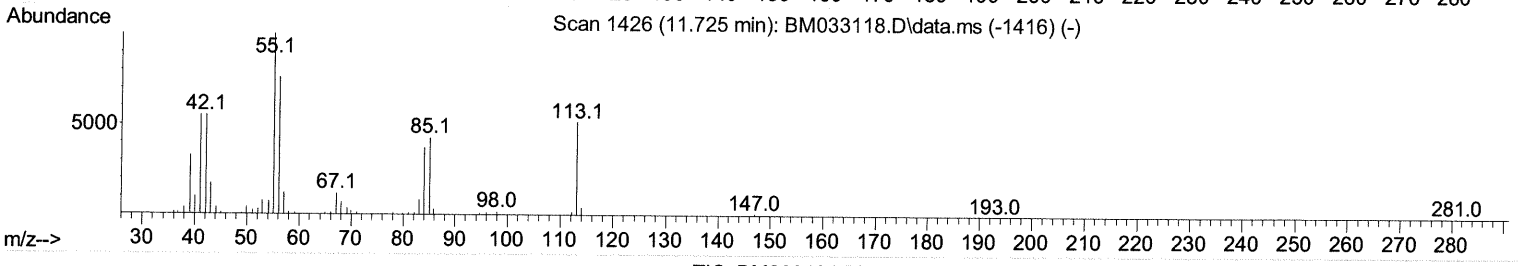

TIC: BM033131.D\data.ms

(34) Caprolactam

11.719min (-0.006) 18.41 ng/ul

response 33017

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	187.74
56.00	147.80	139.58
0.00	0.00	0.00

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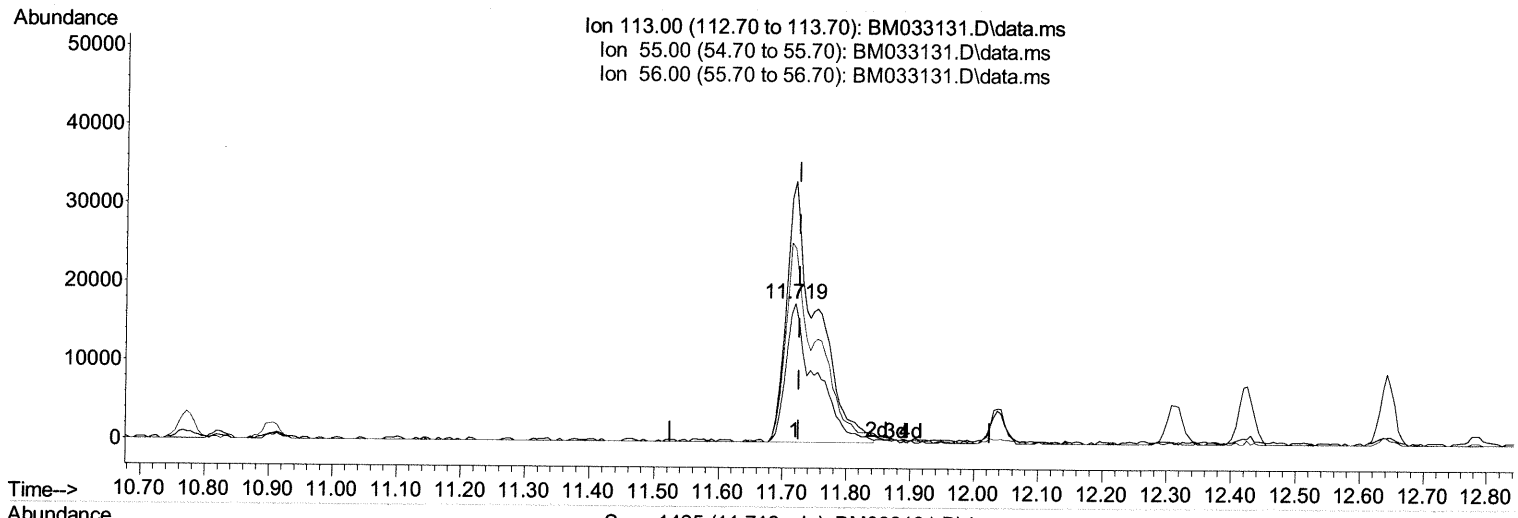

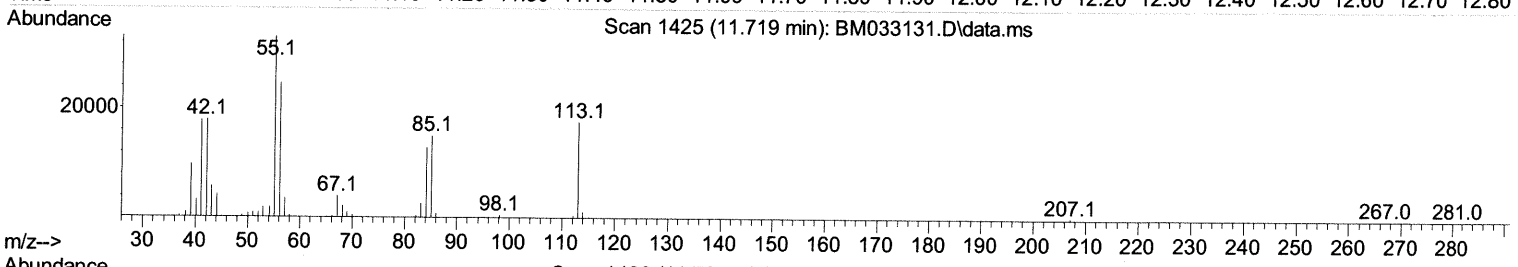

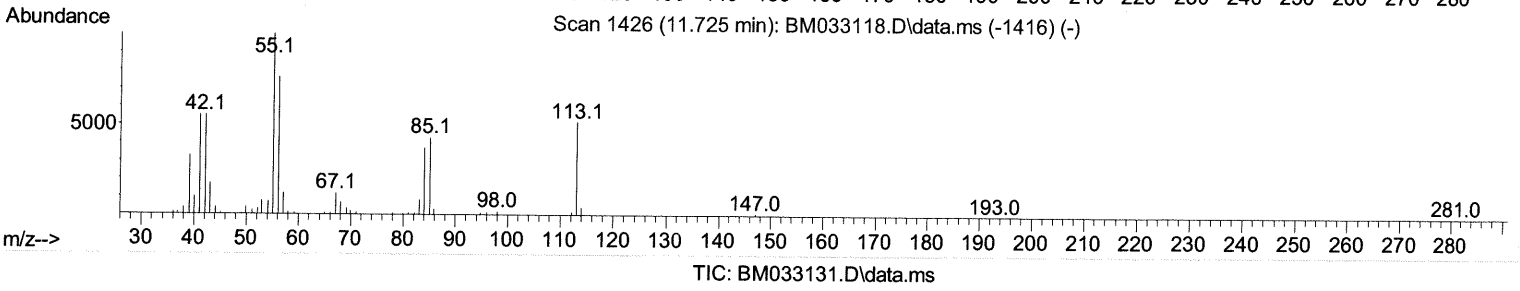

TIC: BM033131.D\data.ms

(34) Caprolactam

11.719min (-0.006) 31.74 ng/ul m 11/29/21

response 56941

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	187.74
56.00	147.80	139.58
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	7.972	152	96390	20.000	ng/ul	0.00
20) Naphthalene-d8	10.772	136	390790	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.589	164	262603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	555913	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	543319	20.000	ng/ul	0.00
88) Perylene-d12	23.830	264	533224	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	14316	5.726	ng/uL	0.00
4) Pyridine-d5	3.843	84	189679	27.541	ng/ul	0.00
7) Phenol-d5	7.125	99	237485	29.128	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	149682	28.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	183324	29.686	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	185044	29.244	ng/ul	0.00
21) Nitrobenzene-d5	9.131	128	88034	31.376	ng/ul	0.00
24) 2-Nitrophenol-d4	9.854	143	90383	32.165	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.389	165	192475	29.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.907	131	225098	26.304	ng/ul	0.00
46) Dimethylphthalate-d6	14.001	166	585999	30.423	ng/ul	0.00
49) Acenaphthylene-d8	14.289	160	726339	29.271	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	96407	30.727	ng/ul	0.00
60) Fluorene-d10	15.583	176	515443	29.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	83331	31.896	ng/ul	0.00
73) Anthracene-d10	17.424	188	812468	30.319	ng/ul	0.00
81) Pyrene-d10	19.706	212	960187	29.906	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.677	264	883593	30.876	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	28775	11.335	ng/uL	98
5) Pyridine	3.860	79	200157	28.480	ng/ul	99
6) Benzaldehyde	7.119	77	153174	32.964	ng/ul	96
8) Phenol	7.154	94	252695	31.123	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.395	93	199670	30.958	ng/ul	99
12) 2-Chlorophenol	7.537	128	197795	31.032	ng/ul	98
13) 2-Methylphenol	8.407	108	194133	31.212	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.501	45	313197	31.441	ng/ul	98
16) Acetophenone	8.801	105	312543	31.294	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.784	70	172274	32.014	ng/ul	97
18) 4-Methylphenol	8.731	108	203672	31.237	ng/ul	99
19) Hexachloroethane	9.054	117	88550	30.496	ng/ul	98
22) Nitrobenzene	9.178	77	251385	32.105	ng/ul	100
23) Isophorone	9.707	82	457238	31.949	ng/ul	99
25) 2-Nitrophenol	9.884	139	102191	34.310	ng/ul	97
26) 2,4-Dimethylphenol	9.937	107	241651	30.879	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.178	93	265739	31.202	ng/ul	98
29) 2,4-Dichlorophenol	10.413	162	198211	31.766	ng/ul	97
30) Naphthalene	10.825	128	639551	30.776	ng/ul	99
32) 4-Chloroaniline	10.931	127	235747	27.270	ng/ul	100
33) Hexachlorobutadiene	11.101	225	147430	30.333	ng/ul	98
34) Caprolactam	11.719	113	56941m >	31.742	ng/ul>	11/29/21 JJ
35) 4-Chloro-3-methylphenol	12.036	107	220433	32.442	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.425	142	451284	31.343 ng/ul	97
37) 1-Methylnaphthalene	12.642	142	455869	31.015 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.789	216	263835	30.198 ng/ul	98
40) Hexachlorocyclopentadiene	12.766	237	171210	27.850 ng/ul	97
41) 2,4,6-Trichlorophenol	13.025	196	161587	31.404 ng/ul	96
42) 2,4,5-Trichlorophenol	13.095	196	176013	31.901 ng/ul	99
43) 1,1'-Biphenyl	13.430	154	620264	30.315 ng/ul	97
44) 2-Chloronaphthalene	13.472	162	473080	29.982 ng/ul	99
45) 2-Nitroaniline	13.672	65	147045	35.357 ng/ul	96
47) Dimethylphthalate	14.048	163	603168	32.129 ng/ul	99
48) 2,6-Dinitrotoluene	14.166	165	116070	36.136 ng/ul	93
50) Acenaphthylene	14.319	152	770084	30.582 ng/ul	99
51) 3-Nitroaniline	14.495	138	100424	31.030 ng/ul#	92
52) Acenaphthene	14.654	153	506726	30.848 ng/ul	98
53) 2,4-Dinitrophenol	14.695	184	54169	33.041 ng/ul	92
55) 4-Nitrophenol	14.789	109	102638	32.029 ng/ul	99
56) Dibenzofuran	14.989	168	741886	30.815 ng/ul	98
57) 2,4-Dinitrotoluene	14.948	165	165003	37.352 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.207	232	151401	33.618 ng/ul	97
59) Diethylphthalate	15.407	149	618168	32.876 ng/ul	98
61) Fluorene	15.636	166	604266	31.577 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.630	204	314196	31.457 ng/ul	99
63) 4-Nitroaniline	15.654	138	113171	35.562 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.707	198	88751	33.894 ng/ul	98
67) N-Nitrosodiphenylamine	15.842	169	525218	32.123 ng/ul	100
68) 4-Bromophenyl-phenylether	16.518	248	197326	31.919 ng/ul	96
69) Hexachlorobenzene	16.630	284	222722	31.448 ng/ul	99
70) Atrazine	16.789	200	198167	31.366 ng/ul	99
71) Pentachlorophenol	16.971	266	132228	32.300 ng/ul	98
72) Phenanthrene	17.371	178	987125	32.056 ng/ul	99
74) Anthracene	17.460	178	985079	31.900 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.395	216	266962	29.237 ng/uL	98
76) Pentachlorobenzene	14.907	250	262364	29.309 ng/uL	99
77) Carbazole	17.724	167	889491	32.424 ng/ul	100
78) Di-n-butylphthalate	18.289	149	1049537	34.987 ng/ul	100
80) Fluoranthene	19.371	202	1190973	31.663 ng/ul	99
82) Pyrene	19.730	202	1209414	31.667 ng/ul	98
83) Butylbenzylphthalate	20.624	149	453539	34.758 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.395	252	366290	29.925 ng/ul	99
85) Benzo(a)anthracene	21.465	228	1135625	32.316 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.389	149	657363	35.542 ng/ul	100
87) Chrysene	21.518	228	1111583	32.391 ng/ul	99
89) Di-n-octyl phthalate	22.300	149	1098100	33.798 ng/ul	100
90) Benzo(b)fluoranthene	23.112	252	1190620	33.154 ng/ul	100
91) Benzo(k)fluoranthene	23.165	252	1055974	32.099 ng/ul	99
93) Benzo(a)pyrene	23.730	252	1118911	32.968 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.235	276	1222966	32.358 ng/ul	97
95) Dibenzo(a,h)anthracene	26.253	278	1044690	32.309 ng/ul	98
96) Benzo(g,h,i)perylene	26.977	276	1055918	32.189 ng/ul	98

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