Quantitation Report (QT Reviewed)

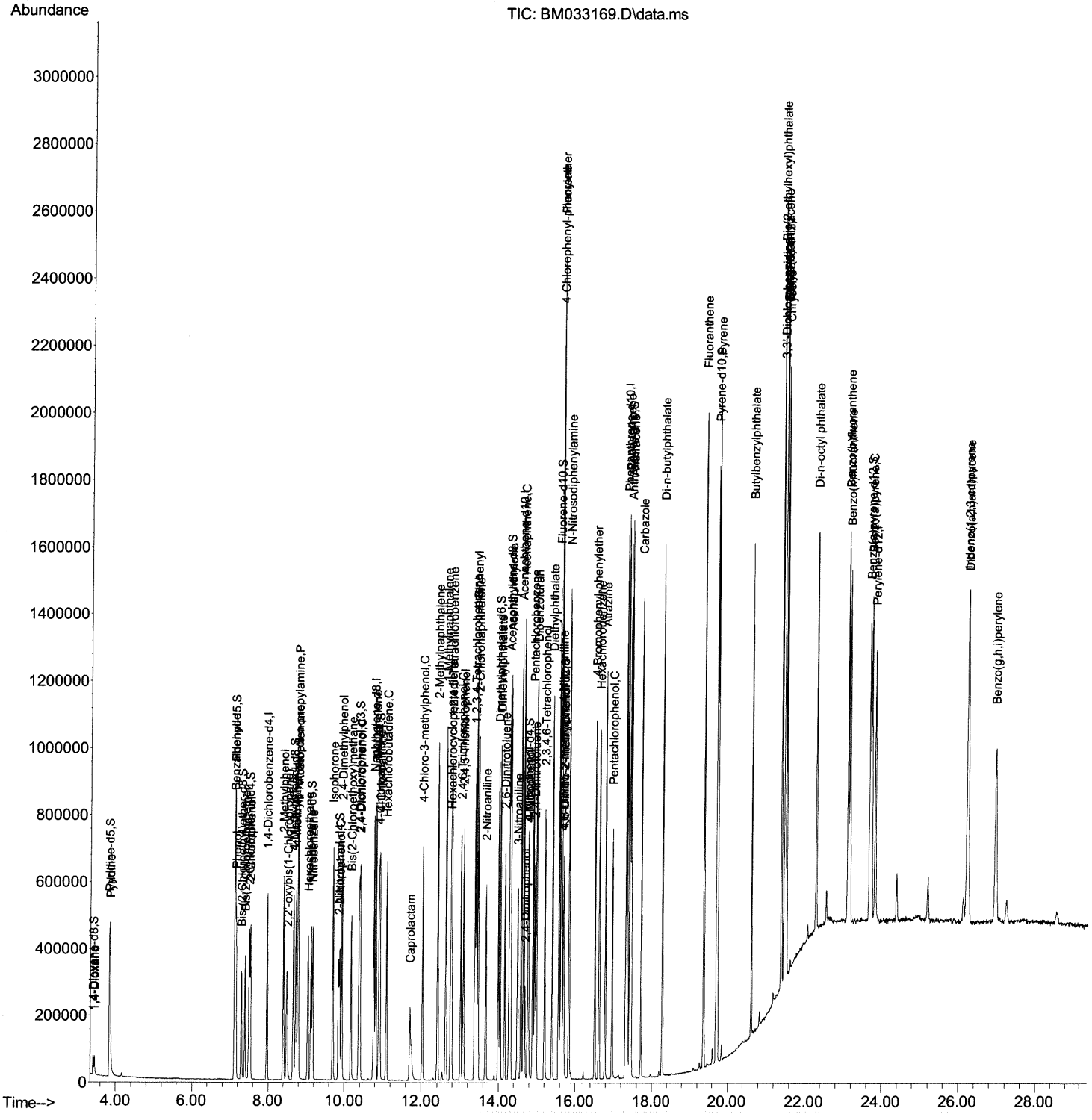
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033169.D
Acq On : 19 Nov 2021 00:36
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Nov 19 01:32:47 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
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/19/2021
Supervised By :mohammad ahmed 11/26/2021



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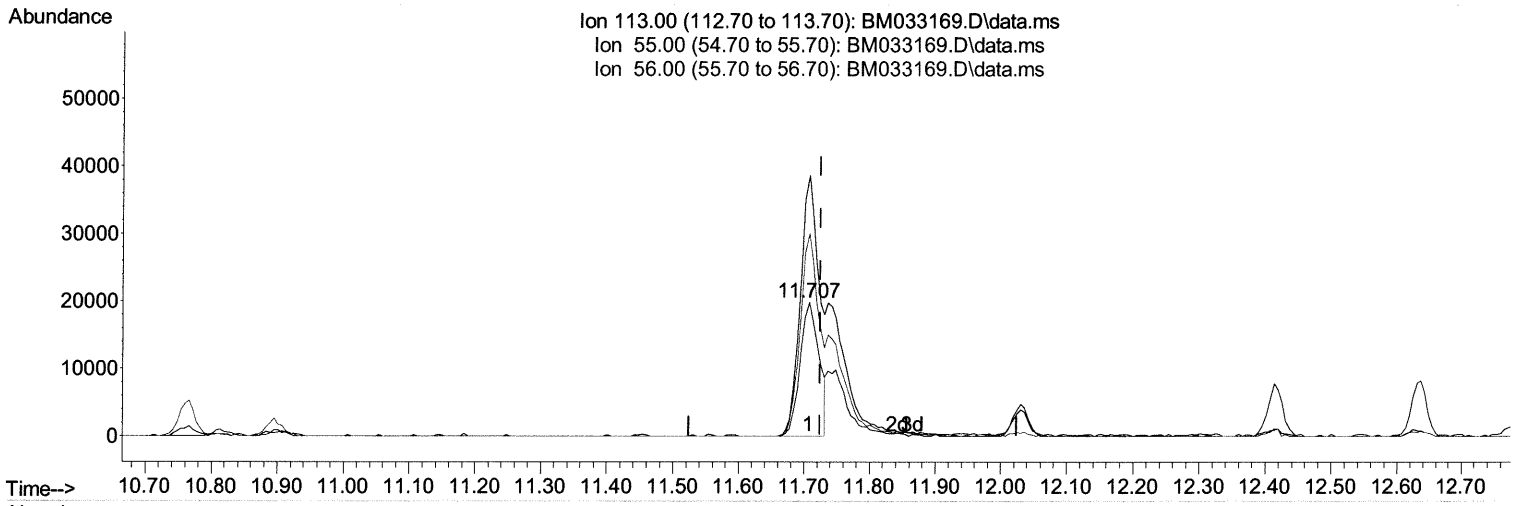

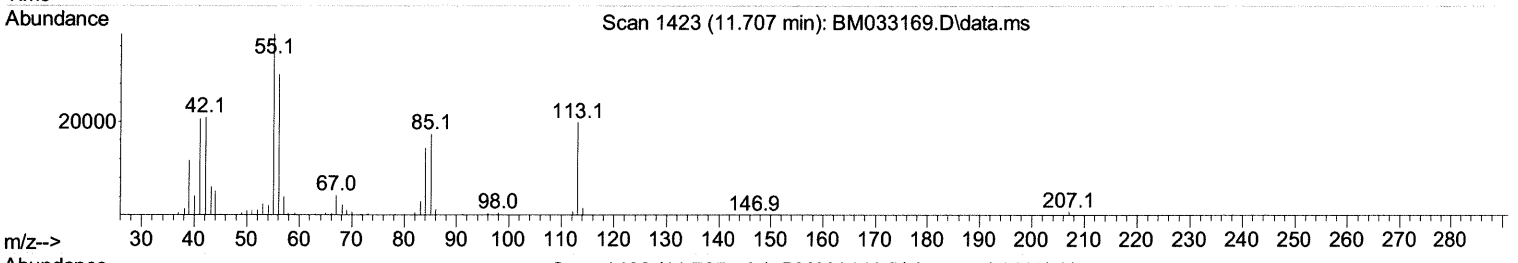

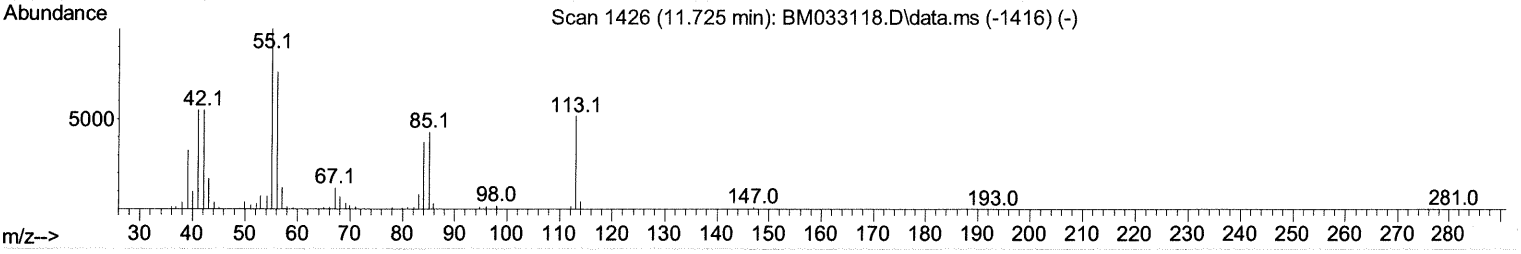

TIC: BM033169.D\data.ms

(34) Caprolactam

11.707min (-0.018) 13.72 ng/ul

response 39618

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	194.63
56.00	147.80	151.39
0.00	0.00	0.00

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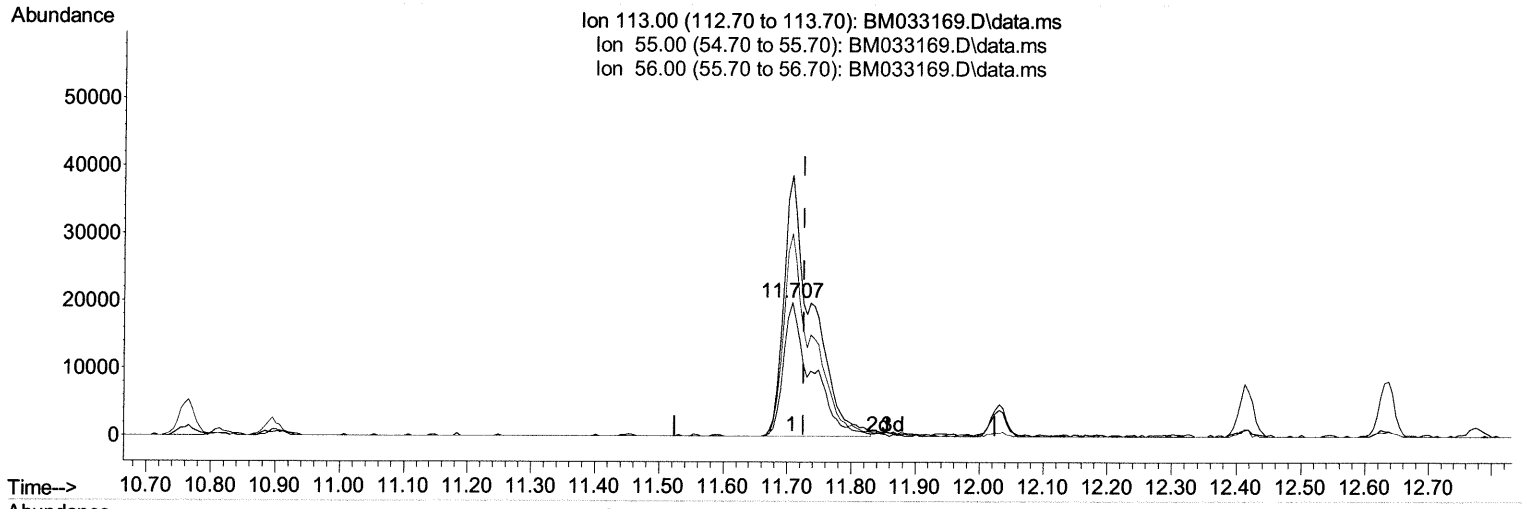

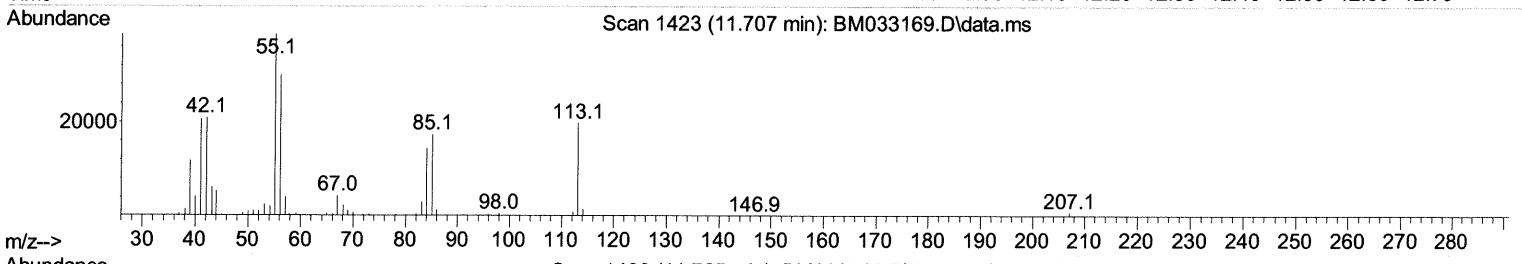

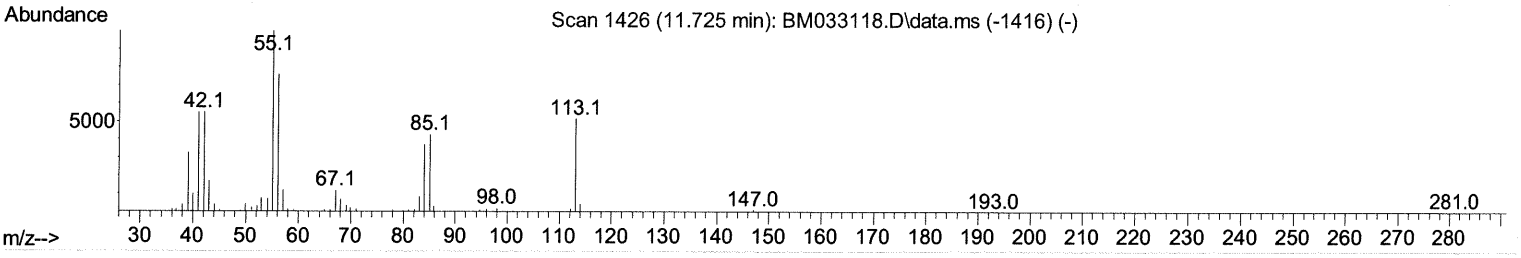

TIC: BM033169.D\data.ms

(34) Caprolactam

11.707min (-0.018) 21.16 ng/ul m 11/29/21 JU

response 61096

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	194.63
56.00	147.80	151.39
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	7.966	152	140435	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.766	136	628988	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.583	164	436505	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.318	188	939479	20.000	ng/ul	-0.01
79) Chrysene-d12	21.471	240	756552	20.000	ng/ul	-0.01
88) Perylene-d12	23.818	264	615753	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	27270	7.486	ng/uL	0.00
4) Pyridine-d5	3.837	84	192479	19.182	ng/ul	-0.01
7) Phenol-d5	7.119	99	241348	20.317	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.295	67	151983	20.171	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.495	132	180830	20.098	ng/ul	-0.01
15) 4-Methylphenol-d8	8.660	113	197122	21.382	ng/ul	-0.01
21) Nitrobenzene-d5	9.125	128	95267	21.096	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.842	143	98214	21.716	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.378	165	202768	19.578	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.895	131	273598	19.864	ng/ul	-0.01
46) Dimethylphthalate-d6	13.995	166	629738	19.669	ng/ul	-0.01
49) Acenaphthylene-d8	14.277	160	802032	19.444	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.765	143	105774	20.282	ng/ul	0.00
60) Fluorene-d10	15.571	176	565322	19.683	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.683	200	85470	19.358	ng/ul	-0.01
73) Anthracene-d10	17.418	188	883366	19.506	ng/ul	-0.01
81) Pyrene-d10	19.695	212	975098	21.810	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.665	264	643286	19.466	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	28023	7.577	ng/uL#	94
5) Pyridine	3.860	79	197352	19.274	ng/ul	97
6) Benzaldehyde	7.107	77	173062	25.563	ng/ul	98
8) Phenol	7.148	94	244729	20.688	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.390	93	194783	20.728	ng/ul	98
12) 2-Chlorophenol	7.525	128	187992	20.244	ng/ul	100
13) 2-Methylphenol	8.395	108	186663	20.599	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.495	45	314047	21.639	ng/ul	98
16) Acetophenone	8.789	105	313552	21.548	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.772	70	177278	22.612	ng/ul	100
18) 4-Methylphenol	8.725	108	204755	21.554	ng/ul	98
19) Hexachloroethane	9.048	117	80189	18.955	ng/ul	98
22) Nitrobenzene	9.166	77	250263	19.858	ng/ul	100
23) Isophorone	9.695	82	475522	20.643	ng/ul	99
25) 2-Nitrophenol	9.878	139	105828	22.075	ng/ul	90
26) 2,4-Dimethylphenol	9.931	107	244848	19.439	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.172	93	273157	19.927	ng/ul	96
29) 2,4-Dichlorophenol	10.407	162	199210	19.836	ng/ul	96
30) Naphthalene	10.813	128	649950	19.432	ng/ul	99
32) 4-Chloroaniline	10.919	127	279574	20.093	ng/ul	100
33) Hexachlorobutadiene	11.089	225	135181	17.280	ng/ul	99
34) Caprolactam	11.707	113	61096m	> 21.160	ng/ul	> 11/29/21 JJ
35) 4-Chloro-3-methylphenol	12.030	107	225851	20.652	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.413	142	465428	20.083	ng/ul	99
37) 1-Methylnaphthalene	12.636	142	476418	20.138	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.777	216	262223	18.056	ng/ul	99
40) Hexachlorocyclopentadiene	12.754	237	170396	16.675	ng/ul	98
41) 2,4,6-Trichlorophenol	13.019	196	165128	19.307	ng/ul	96
42) 2,4,5-Trichlorophenol	13.083	196	177343	19.337	ng/ul	97
43) 1,1'-Biphenyl	13.419	154	643715	18.927	ng/ul	98
44) 2-Chloronaphthalene	13.466	162	488854	18.639	ng/ul	99
45) 2-Nitroaniline	13.666	65	155800	22.537	ng/ul	99
47) Dimethylphthalate	14.042	163	619387	19.849	ng/ul	99
48) 2,6-Dinitrotoluene	14.160	165	121381	22.734	ng/ul#	90
50) Acenaphthylene	14.307	152	811313	19.383	ng/ul	99
51) 3-Nitroaniline	14.489	138	123940	23.039	ng/ul#	93
52) Acenaphthene	14.648	153	526269	19.274	ng/ul	99
53) 2,4-Dinitrophenol	14.689	184	50635	18.581	ng/ul	96
55) 4-Nitrophenol	14.783	109	97284	18.264	ng/ul	98
56) Dibenzofuran	14.983	168	770771	19.260	ng/ul	96
57) 2,4-Dinitrotoluene	14.942	165	171894	23.410	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.201	232	152211	20.333	ng/ul	97
59) Diethylphthalate	15.395	149	623988	19.964	ng/ul	98
61) Fluorene	15.624	166	627715	19.734	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.618	204	320292	19.292	ng/ul	99
63) 4-Nitroaniline	15.642	138	126155	23.849	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.695	198	88311	19.956	ng/ul	95
67) N-Nitrosodiphenylamine	15.830	169	543006	19.652	ng/ul	100
68) 4-Bromophenyl-phenylether	16.512	248	198766	19.025	ng/ul	98
69) Hexachlorobenzene	16.624	284	226076	18.889	ng/ul	97
70) Atrazine	16.777	200	201731	18.894	ng/ul	99
71) Pentachlorophenol	16.965	266	125957	18.206	ng/ul	98
72) Phenanthrene	17.359	178	1007094	19.352	ng/ul	98
74) Anthracene	17.454	178	1014285	19.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.383	216	274740	17.804	ng/uL	98
76) Pentachlorobenzene	14.895	250	279677	18.487	ng/uL	99
77) Carbazole	17.718	167	887124	19.135	ng/ul	99
78) Di-n-butylphthalate	18.277	149	1041978	20.554	ng/ul	100
80) Fluoranthene	19.365	202	1149467	21.946	ng/ul	97
82) Pyrene	19.724	202	1163166	21.872	ng/ul	96
83) Butylbenzylphthalate	20.612	149	394690	21.723	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.389	252	306691	17.994	ng/ul	99
85) Benzo(a)anthracene	21.453	228	943919	19.290	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	522172	20.275	ng/ul	100
87) Chrysene	21.506	228	907763	18.996	ng/ul	99
89) Di-n-octyl phthalate	22.289	149	765372	20.400	ng/ul	100
90) Benzo(b)fluoranthene	23.106	252	844988	20.376	ng/ul	99
91) Benzo(k)fluoranthene	23.147	252	735250	19.354	ng/ul#	98
93) Benzo(a)pyrene	23.712	252	760299	19.399	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.212	276	785050	17.988	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.229	278	677106	18.134	ng/ul	98
96) Benzo(g,h,i)perylene	26.953	276	679646	17.942	ng/ul	96

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