Quantitation Report (QT Reviewed)

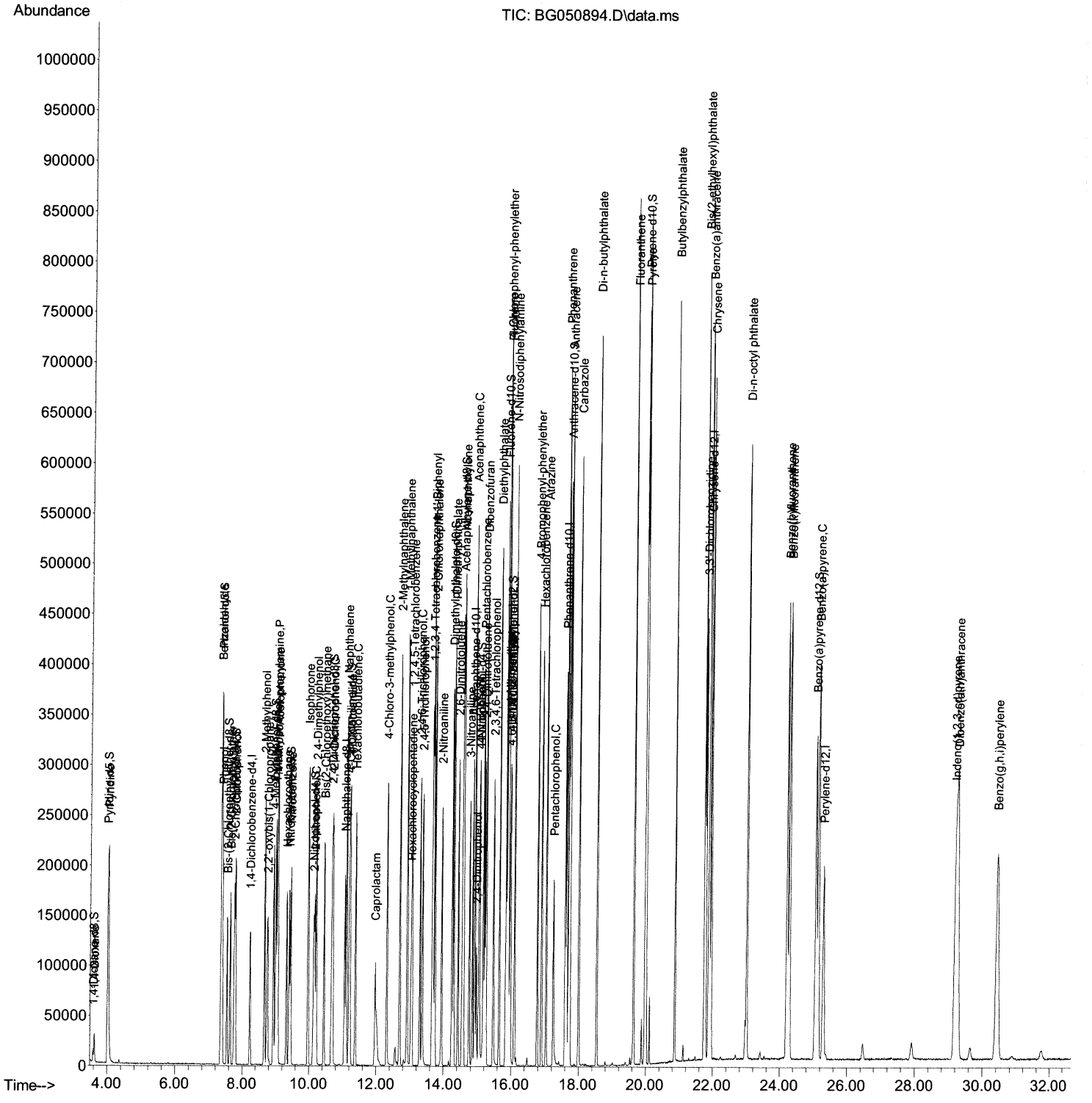
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050894.D
Acq On : 9 Nov 2021 1:08
Operator : CG/JU
Sample : PB140516BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 09 01:26:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS516

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



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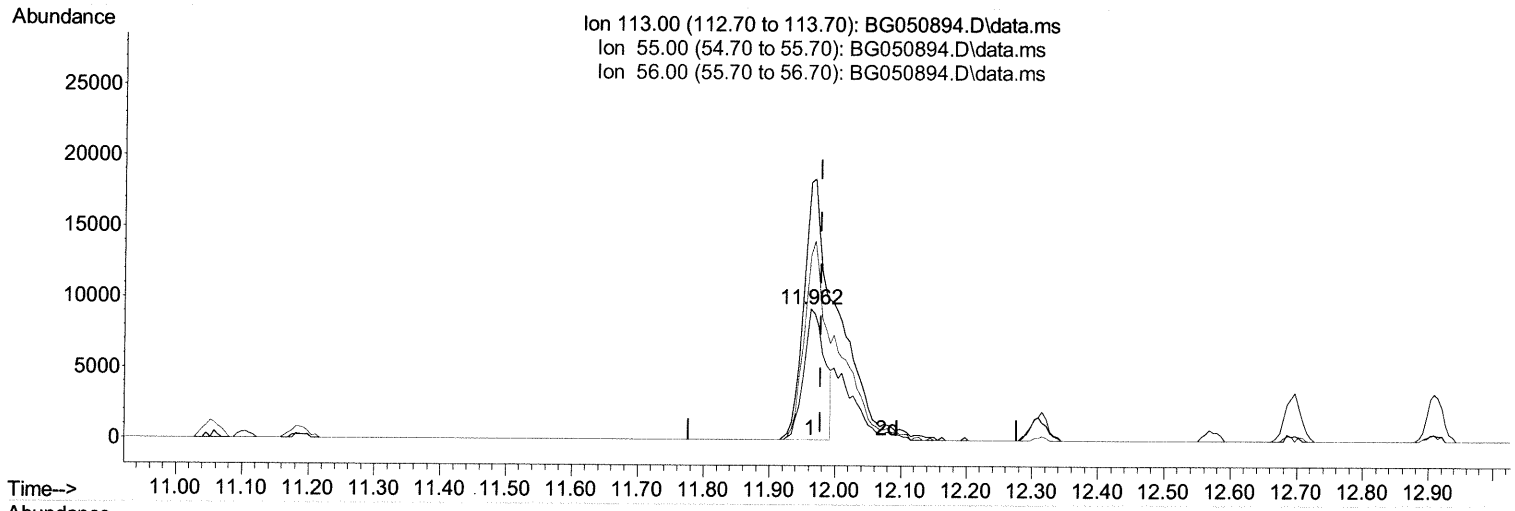

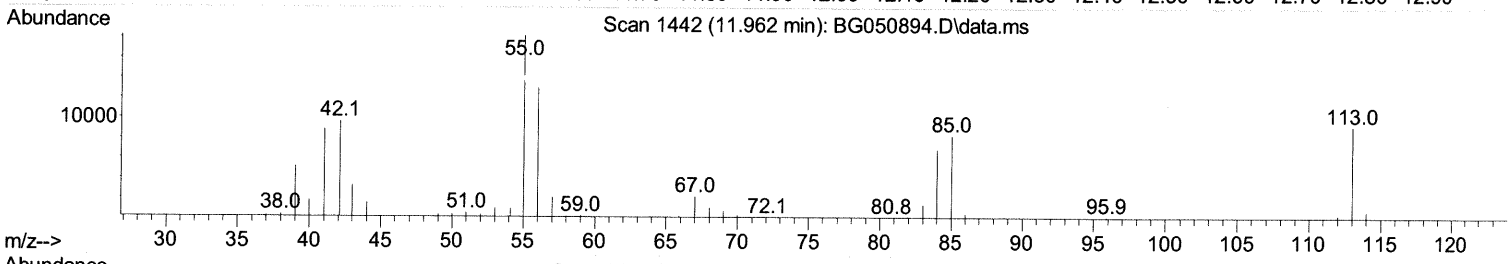

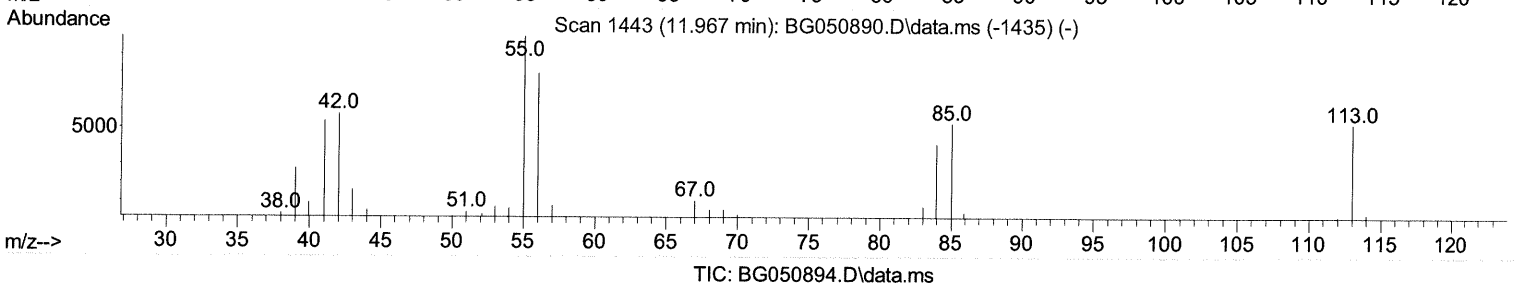

TIC: BG050894.D\data.ms

(34) Caprolactam

11.962min (-0.015) 19.30 ng/ul

response 20499

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	196.42
56.00	136.50	140.41
0.00	0.00	0.00

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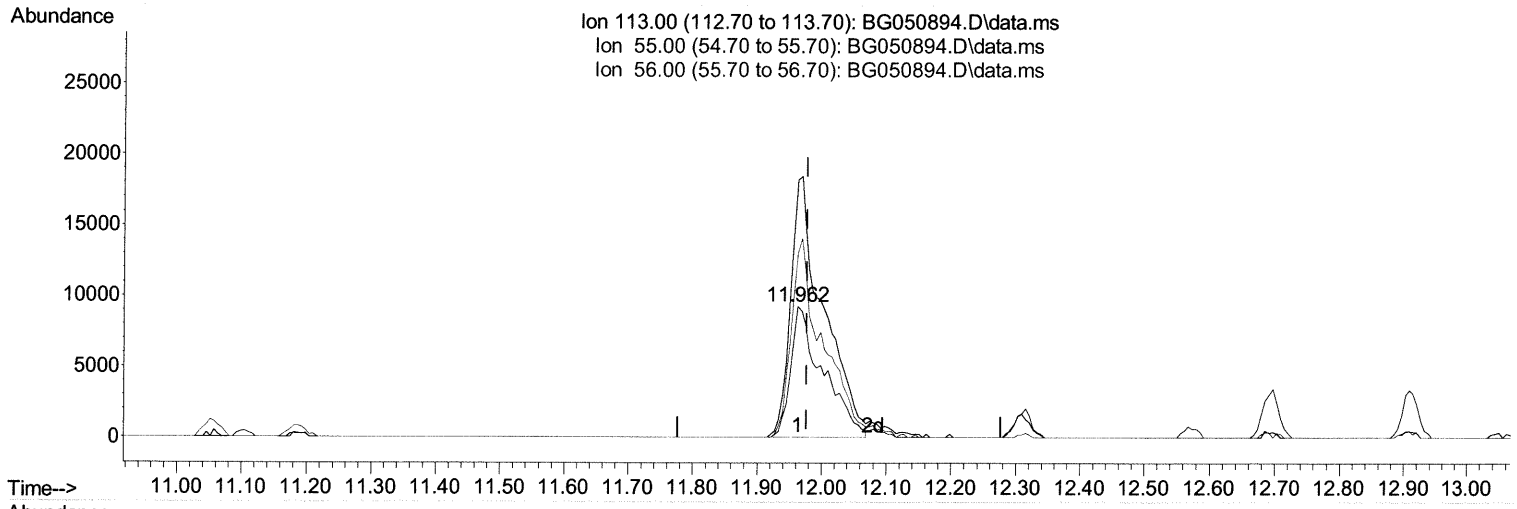

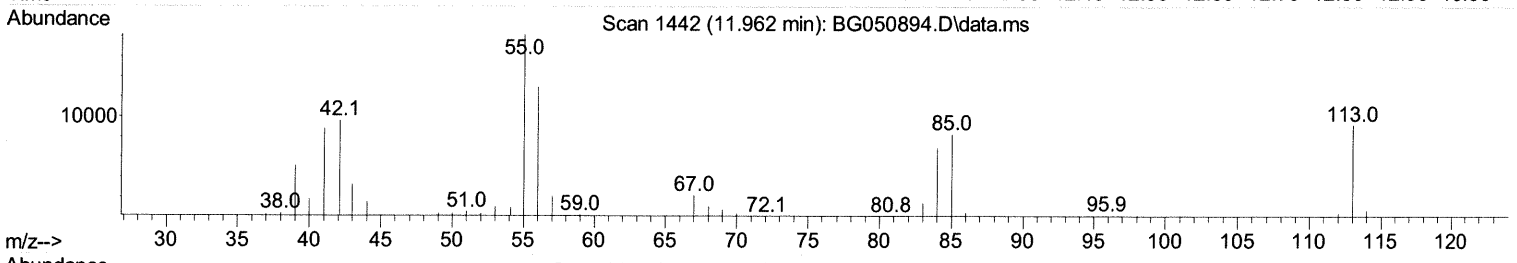

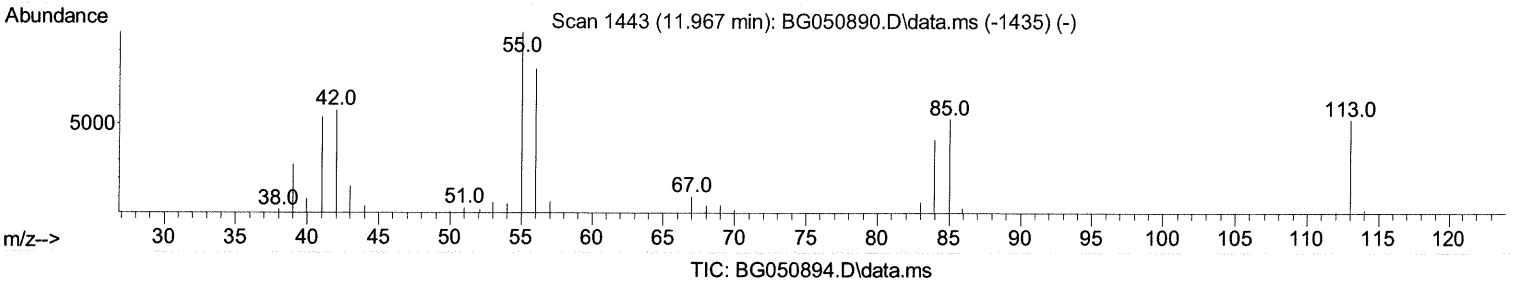

TIC: BG050894.D\data.ms

(34) Caprolactam

11.962min (-0.015) 30.30 ng/ul m 11/11/21 JU

response 32183

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	196.42
56.00	136.50	140.41
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	8.226	152	36118	20.000	ng/ul	0.00
20) Naphthalene-d8	11.052	136	161118	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	105294	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.597	188	232089	20.000	ng/ul	0.00
79) Chrysene-d12	21.892	240	199202	20.000	ng/ul	-0.01
88) Perylene-d12	25.288	264	198490	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.590	96	6577	5.877	ng/uL	0.00
4) Pyridine-d5	4.013	84	97833	29.223	ng/ul	0.00
7) Phenol-d5	7.368	99	112688	29.246	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	74834	30.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.756	132	79984	29.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.931	113	85035	28.033	ng/ul	0.00
21) Nitrobenzene-d5	9.401	128	41069	29.995	ng/ul	0.00
24) 2-Nitrophenol-d4	10.129	143	45118	29.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.670	165	77451	30.201	ng/ul	0.00
31) 4-Chloroaniline-d4	11.187	131	108483	27.933	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	251350	31.202	ng/ul	0.00
49) Acenaphthylene-d8	14.548	160	316611	31.546	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	43878	30.041	ng/ul	0.00
60) Fluorene-d10	15.840	176	221782	31.078	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	42923	30.505	ng/ul	0.00
73) Anthracene-d10	17.697	188	336663	30.681	ng/ul	0.00
81) Pyrene-d10	19.971	212	398785	30.995	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.059	264	333329	30.378	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.625	88	15958	12.983	ng/uL	98
5) Pyridine	4.030	79	109266	31.531	ng/ul	98
6) Benzaldehyde	7.362	77	85769	35.292	ng/ul	93
8) Phenol	7.397	94	126847	31.824	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.638	93	95764	32.098	ng/ul	99
12) 2-Chlorophenol	7.785	128	87135	32.138	ng/ul	97
13) 2-Methylphenol	8.660	108	92176	31.287	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.748	45	150695	32.067	ng/ul	99
16) Acetophenone	9.054	105	144995	30.770	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.031	70	86695	30.493	ng/ul	99
18) 4-Methylphenol	8.995	108	96731	30.836	ng/ul	93
19) Hexachloroethane	9.318	117	37198	32.814	ng/ul	99
22) Nitrobenzene	9.442	77	127411	33.365	ng/ul	98
23) Isophorone	9.965	82	236817	31.954	ng/ul	100
25) 2-Nitrophenol	10.159	139	51138	33.481	ng/ul	96
26) 2,4-Dimethylphenol	10.200	107	97668	29.055	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.441	93	132197	33.106	ng/ul	100
29) 2,4-Dichlorophenol	10.693	162	83130	33.232	ng/ul	97
30) Naphthalene	11.105	128	289692	32.881	ng/ul	99
32) 4-Chloroaniline	11.210	127	117988	30.596	ng/ul	99
33) Hexachlorobutadiene	11.375	225	53480	32.573	ng/ul	97
34) Caprolactam	11.962	113	32183m >	30.304	ng/ul >	11/11/21 JU
35) 4-Chloro-3-methylphenol	12.309	107	103974	32.537	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.691	142	194875	32.468 ng/ul	97
37) 1-Methylnaphthalene	12.908	142	195176	32.092 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.055	216	103628	33.777 ng/ul	98
40) Hexachlorocyclopentadiene	13.026	237	38330	26.017 ng/ul	96
41) 2,4,6-Trichlorophenol	13.290	196	68240	33.992 ng/ul	99
42) 2,4,5-Trichlorophenol	13.367	196	73250	33.986 ng/ul	99
43) 1,1'-Biphenyl	13.690	154	258383	33.572 ng/ul	99
44) 2-Chloronaphthalene	13.737	162	204576	33.920 ng/ul	99
45) 2-Nitroaniline	13.937	65	79487	33.172 ng/ul	97
47) Dimethylphthalate	14.295	163	269834	33.500 ng/ul	99
48) 2,6-Dinitrotoluene	14.424	165	58022	34.417 ng/ul	98
50) Acenaphthylene	14.577	152	336824	33.485 ng/ul	98
51) 3-Nitroaniline	14.753	138	60792	34.866 ng/ul	86
52) Acenaphthene	14.918	153	225515	34.096 ng/ul	98
53) 2,4-Dinitrophenol	14.965	184	26093	28.057 ng/ul	97
55) 4-Nitrophenol	15.053	109	44186	32.985 ng/ul	92
56) Dibenzofuran	15.247	168	320165	33.818 ng/ul	99
57) 2,4-Dinitrotoluene	15.206	165	82609	34.335 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.470	232	57606	34.010 ng/ul	98
59) Diethylphthalate	15.646	149	288634	33.477 ng/ul	99
61) Fluorene	15.899	166	250928	33.487 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.881	204	132523	33.963 ng/ul	97
63) 4-Nitroaniline	15.917	138	60110	34.750 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.969	198	45574	33.212 ng/ul	96
67) N-Nitrosodiphenylamine	16.093	169	222363	34.276 ng/ul	98
68) 4-Bromophenyl-phenylether	16.774	248	79233	34.320 ng/ul	96
69) Hexachlorobenzene	16.898	284	80217	33.798 ng/ul	95
70) Atrazine	17.033	200	89138	32.401 ng/ul	98
71) Pentachlorophenol	17.244	266	34074	31.271 ng/ul	95
72) Phenanthrene	17.638	178	426285	34.409 ng/ul	99
74) Anthracene	17.732	178	409385	32.934 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	107772	34.104 ng/uL	99
76) Pentachlorobenzene	15.164	250	95415	32.586 ng/uL	98
77) Carbazole	17.996	167	392786	35.255 ng/ul	98
78) Di-n-butylphthalate	18.531	149	504367	34.452 ng/ul	100
80) Fluoranthene	19.636	202	520073	33.681 ng/ul	98
82) Pyrene	20.000	202	502585	33.312 ng/ul	99
83) Butylbenzylphthalate	20.864	149	220179	33.937 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.780	252	155222	31.996 ng/ul	98
85) Benzo(a)anthracene	21.874	228	465225	33.735 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.745	149	314954	33.819 ng/ul	100
87) Chrysene	21.945	228	440148	33.411 ng/ul	100
89) Di-n-octyl phthalate	23.014	149	533362	33.006 ng/ul	100
90) Benzo(b)fluoranthene	24.201	252	473703	33.500 ng/ul	100
91) Benzo(k)fluoranthene	24.277	252	433082	32.639 ng/ul	99
93) Benzo(a)pyrene	25.129	252	440709	32.724 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.195	276	496748	33.134 ng/ul	97
95) Dibenzo(a,h)anthracene	29.266	278	421641	33.239 ng/ul	97
96) Benzo(g,h,i)perylene	30.429	276	415132	33.080 ng/ul	97

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