Quantitation Report (QT Reviewed)

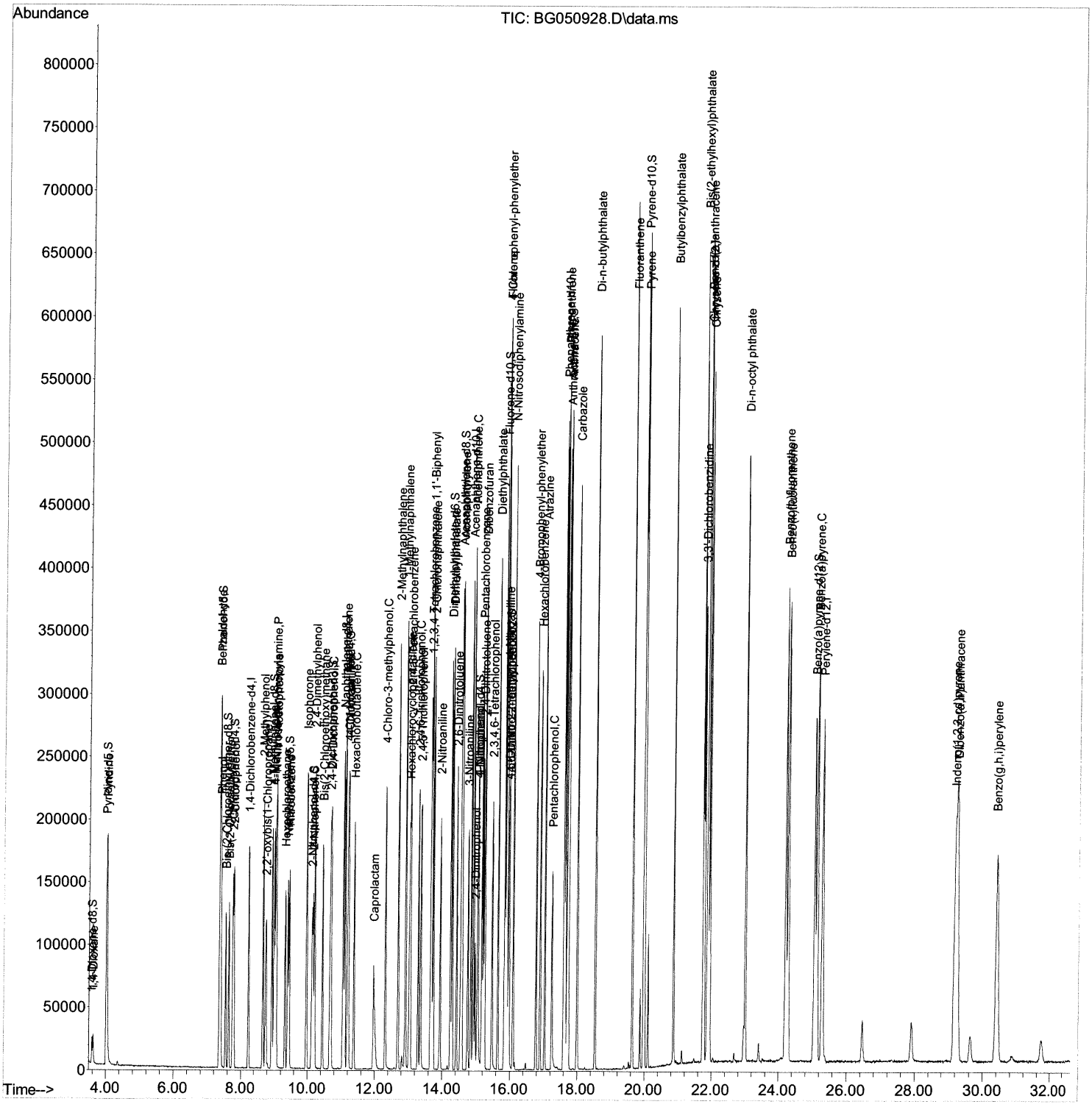
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050928.D
Acq On : 10 Nov 2021 3:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 10 07:47:23 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
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021



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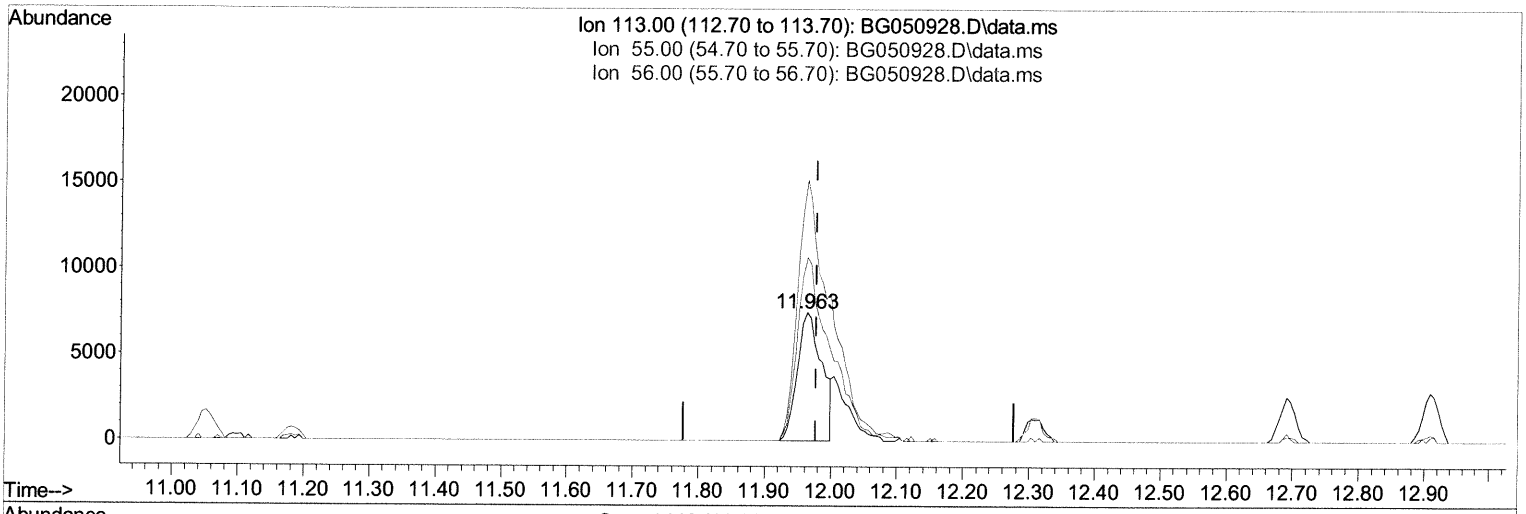

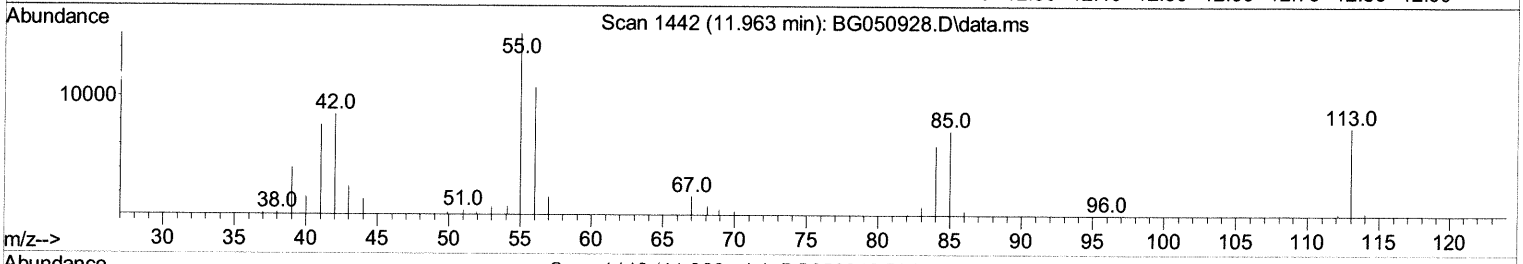

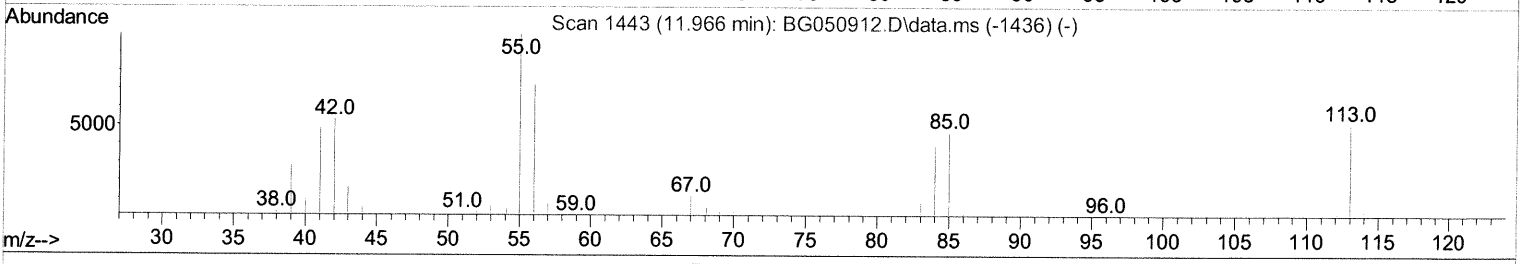

TIC: BG050928.D\data.ms

(34) Caprolactam

11.963min (-0.014) 13.85 ng/ul

response 19192

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	203.64
56.00	136.50	143.49
0.00	0.00	0.00

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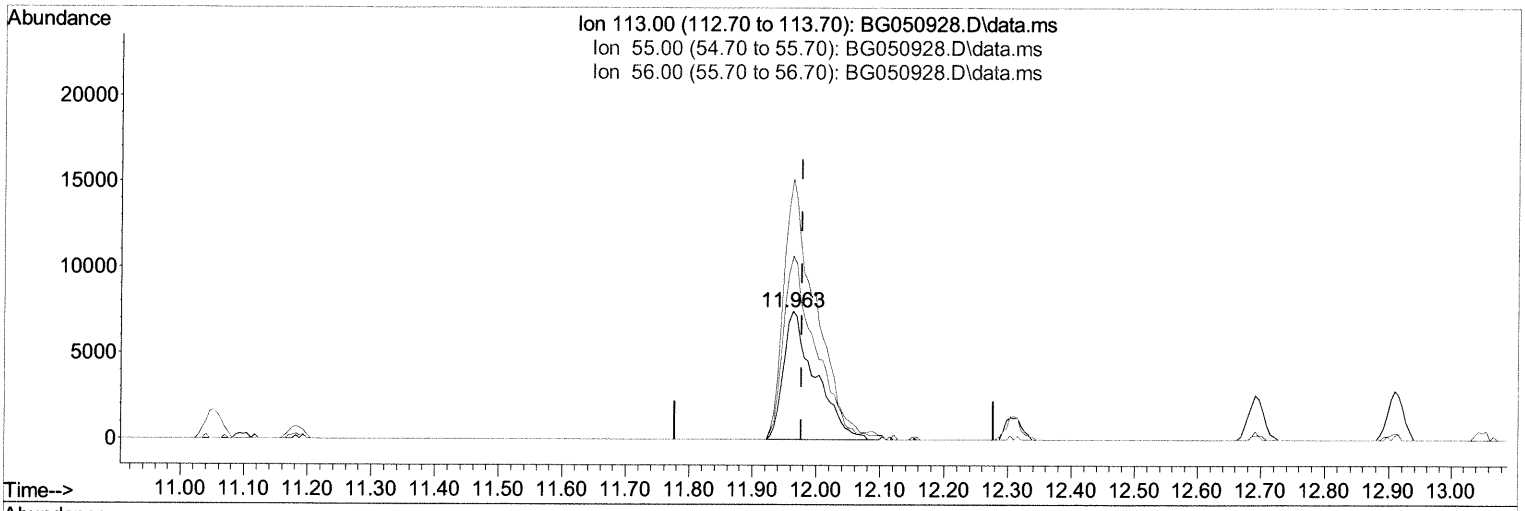

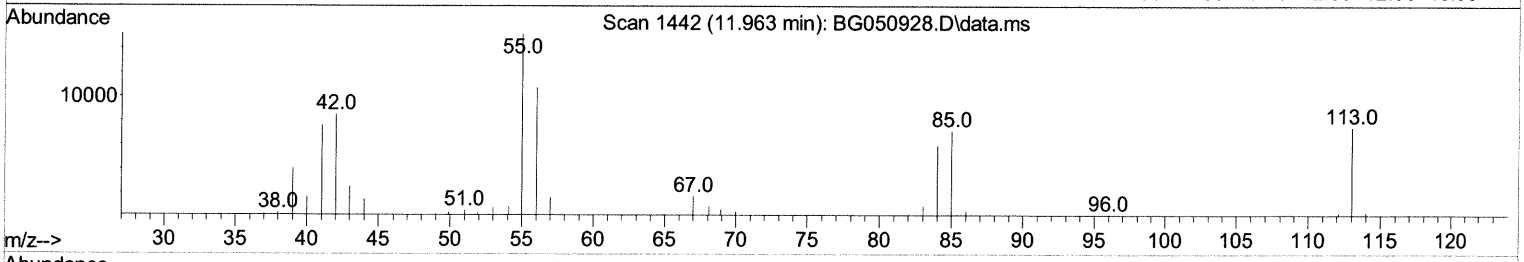

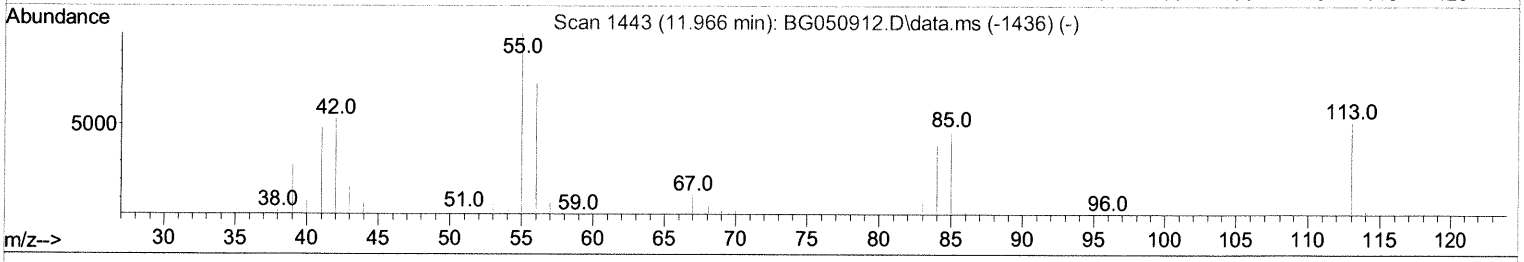

TIC: BG050928.D\data.ms

(34) Caprolactam

11.963min (-0.014) 18.56 ng/ul m 11/11/2130

response 25720

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	203.64
56.00	136.50	143.49
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	8.232	152	48535	20.00	ng/ul	0.00
20) Naphthalene-d8	11.052	136	210198	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.848	164	138504	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.597	188	306243	20.00	ng/ul	0.00
79) Chrysene-d12	21.892	240	267023	20.00	ng/ul	-0.01
88) Perylene-d12	25.288	264	263188	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.584	96	11733	7.80	ng/uL	0.00
4) Pyridine-d5	4.013	84	87098	19.36	ng/ul	0.00
7) Phenol-d5	7.368	99	97277	18.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	64116	19.17	ng/ul	0.00
11) 2-Chlorophenol-d4	7.756	132	69897	19.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	74909	18.38	ng/ul	0.00
21) Nitrobenzene-d5	9.401	128	36118	20.22	ng/ul	0.00
24) 2-Nitrophenol-d4	10.124	143	40011	20.14	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.664	165	67700	20.23	ng/ul	0.00
31) 4-Chloroaniline-d4	11.187	131	98763	19.49	ng/ul	0.00
46) Dimethylphthalate-d6	14.243	166	214010	20.20	ng/ul	0.00
49) Acenaphthylene-d8	14.548	160	269045	20.38	ng/ul	0.00
54) 4-Nitrophenol-d4	15.036	143	36770	19.14	ng/ul	0.00
60) Fluorene-d10	15.841	176	188846	20.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	35182	18.95	ng/ul	0.00
73) Anthracene-d10	17.697	188	294565	20.34	ng/ul	0.00
81) Pyrene-d10	19.971	212	340127	19.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.053	264	287639	19.77	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.626	88	13289	8.05	ng/uL	94
5) Pyridine	4.031	79	90015	19.33	ng/ul	96
6) Benzaldehyde	7.362	77	62384	19.10	ng/ul	96
8) Phenol	7.398	94	100930	18.84	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.638	93	77428	19.31	ng/ul	99
12) 2-Chlorophenol	7.785	128	70440	19.33	ng/ul	98
13) 2-Methylphenol	8.661	108	73562	18.58	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.749	45	118024	18.69	ng/ul	100
16) Acetophenone	9.054	105	116697	18.43	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.031	70	69463	18.18	ng/ul	99
18) 4-Methylphenol	8.990	108	78206	18.55	ng/ul	99
19) Hexachloroethane	9.319	117	30241	19.85	ng/ul	93
22) Nitrobenzene	9.442	77	100286	20.13	ng/ul	99
23) Isophorone	9.959	82	189425	19.59	ng/ul	99
25) 2-Nitrophenol	10.159	139	40695	20.42	ng/ul	97
26) 2,4-Dimethylphenol	10.200	107	88194	20.11	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.441	93	105830	20.31	ng/ul	97
29) 2,4-Dichlorophenol	10.694	162	66728	20.45	ng/ul	98
30) Naphthalene	11.105	128	231941	20.18	ng/ul	98
32) 4-Chloroaniline	11.205	127	98679	19.61	ng/ul	99
33) Hexachlorobutadiene	11.375	225	42824	19.99	ng/ul	98
34) Caprolactam	11.963	113	25720m	> 18.56	ng/ul	> 11/11/2021
35) 4-Chloro-3-methylphenol	12.310	107	82088	19.69	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.691	142	154798	19.77	ng/ul	97
37) 1-Methylnaphthalene	12.909	142	157610	19.86	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.056	216	82343	20.40	ng/ul	95
40) Hexachlorocyclopentadiene	13.026	237	49816	25.71	ng/ul	98
41) 2,4,6-Trichlorophenol	13.291	196	53605	20.30	ng/ul	98
42) 2,4,5-Trichlorophenol	13.367	196	58791	20.74	ng/ul	97
43) 1,1'-Biphenyl	13.684	154	207231	20.47	ng/ul	99
44) 2-Chloronaphthalene	13.737	162	163214	20.57	ng/ul	98
45) 2-Nitroaniline	13.937	65	62701	19.89	ng/ul	93
47) Dimethylphthalate	14.290	163	211757	19.99	ng/ul	100
48) 2,6-Dinitrotoluene	14.425	165	44868	20.23	ng/ul	93
50) Acenaphthylene	14.577	152	271020	20.48	ng/ul	99
51) 3-Nitroaniline	14.754	138	45199	19.71	ng/ul	84
52) Acenaphthene	14.912	153	176380	20.27	ng/ul	97
53) 2,4-Dinitrophenol	14.965	184	23086	18.87	ng/ul	92
55) 4-Nitrophenol	15.053	109	33864	19.22	ng/ul	95
56) Dibenzofuran	15.247	168	251471	20.19	ng/ul	97
57) 2,4-Dinitrotoluene	15.206	165	65058	20.56	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.470	232	44660	20.04	ng/ul	99
59) Diethylphthalate	15.647	149	227454	20.06	ng/ul	98
61) Fluorene	15.894	166	198360	20.12	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.882	204	104133	20.29	ng/ul	98
63) 4-Nitroaniline	15.911	138	43500	19.12	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.970	198	34335	18.96	ng/ul#	97
67) N-Nitrosodiphenylamine	16.093	169	176515	20.62	ng/ul	98
68) 4-Bromophenyl-phenylether	16.775	248	62546	20.53	ng/ul	98
69) Hexachlorobenzene	16.898	284	64540	20.61	ng/ul	98
70) Atrazine	17.033	200	71753	19.77	ng/ul	97
71) Pentachlorophenol	17.245	266	30804	21.42	ng/ul	96
72) Phenanthrene	17.639	178	335209	20.51	ng/ul	100
74) Anthracene	17.733	178	334051	20.37	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.655	216	89015	21.35	ng/uL	98
76) Pentachlorobenzene	15.165	250	78999	20.45	ng/uL	98
77) Carbazole	17.997	167	308321	20.97	ng/ul	99
78) Di-n-butylphthalate	18.532	149	400240	20.72	ng/ul	99
80) Fluoranthene	19.636	202	409503	19.78	ng/ul	99
82) Pyrene	20.000	202	400772	19.82	ng/ul	100
83) Butylbenzylphthalate	20.864	149	175345	20.16	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.775	252	126513	19.45	ng/ul	97
85) Benzo(a)anthracene	21.875	228	368524	19.94	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.740	149	251201	20.12	ng/ul	99
87) Chrysene	21.939	228	349396	19.79	ng/ul	99
89) Di-n-octyl phthalate	23.009	149	416802	19.45	ng/ul	100
90) Benzo(b)fluoranthene	24.201	252	373123	19.90	ng/ul	99
91) Benzo(k)fluoranthene	24.272	252	343695	19.53	ng/ul	100
93) Benzo(a)pyrene	25.130	252	349520	19.57	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.190	276	388707	19.55	ng/ul	98
95) Dibenzo(a,h)anthracene	29.260	278	325720	19.37	ng/ul	98
96) Benzo(g,h,i)perylene	30.412	276	322433	19.38	ng/ul	96

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