Quantitation Report (QT Reviewed)

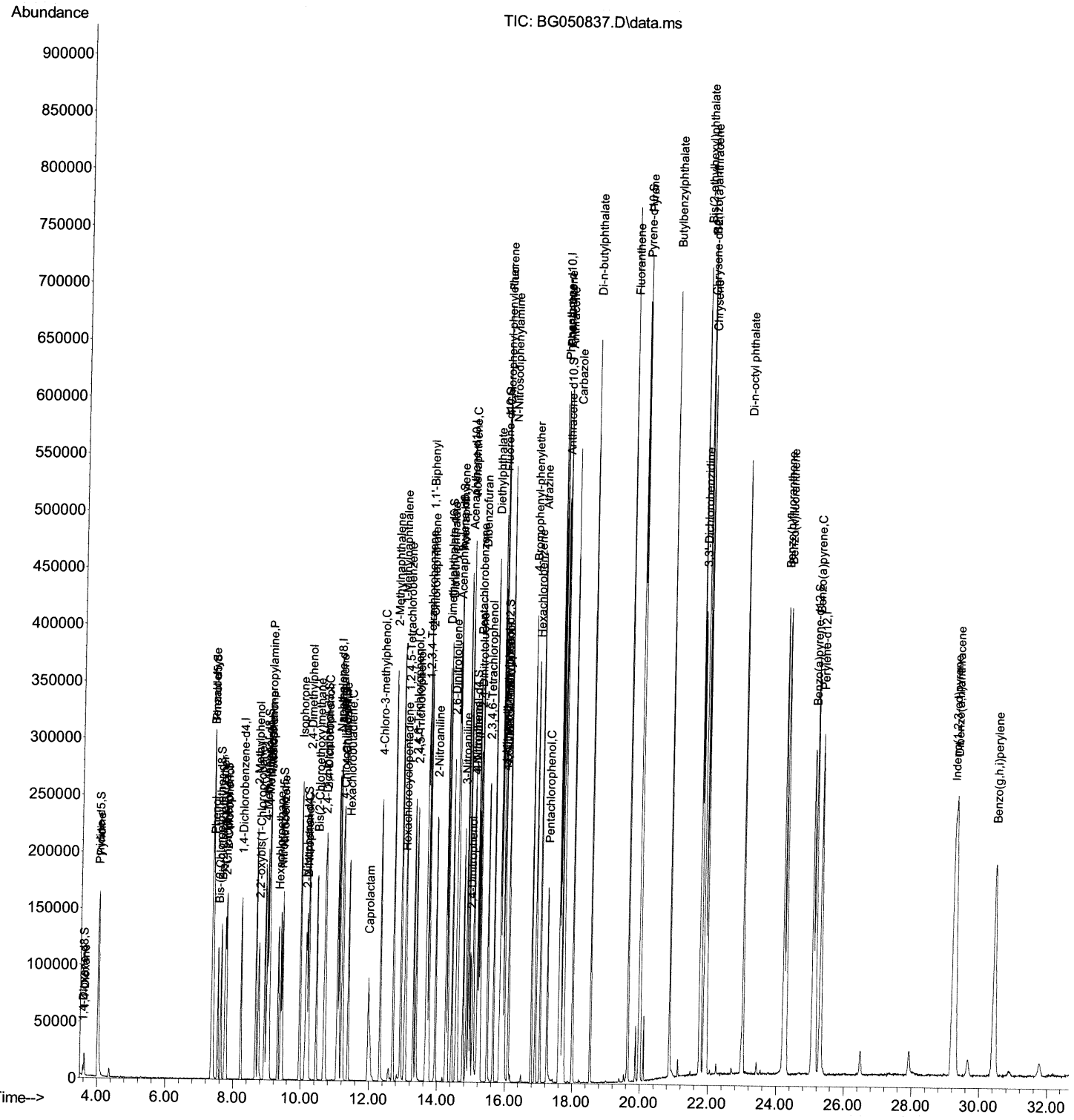
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050837.D
Acq On : 3 Nov 2021 6:00
Operator : CG/JU
Sample : PB140350BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 03 08:07:06 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 :
SLCS350

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021



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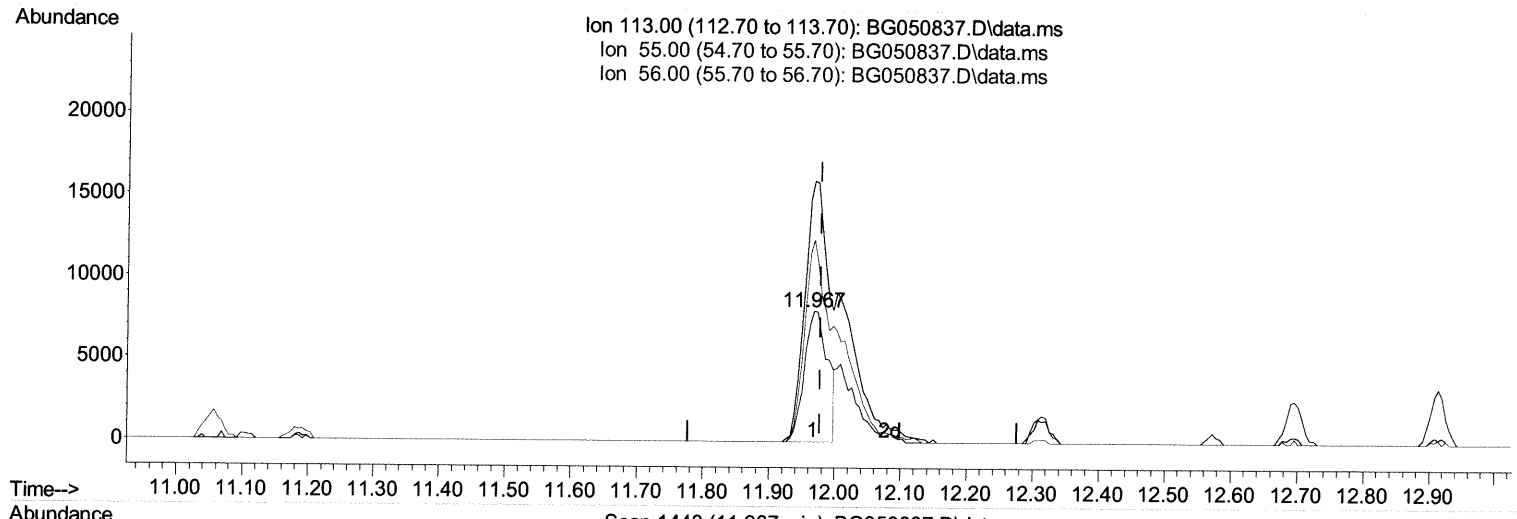

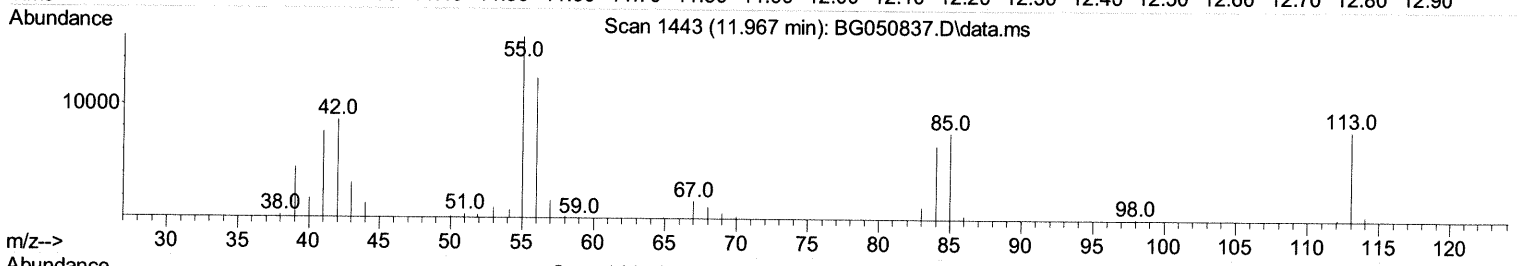

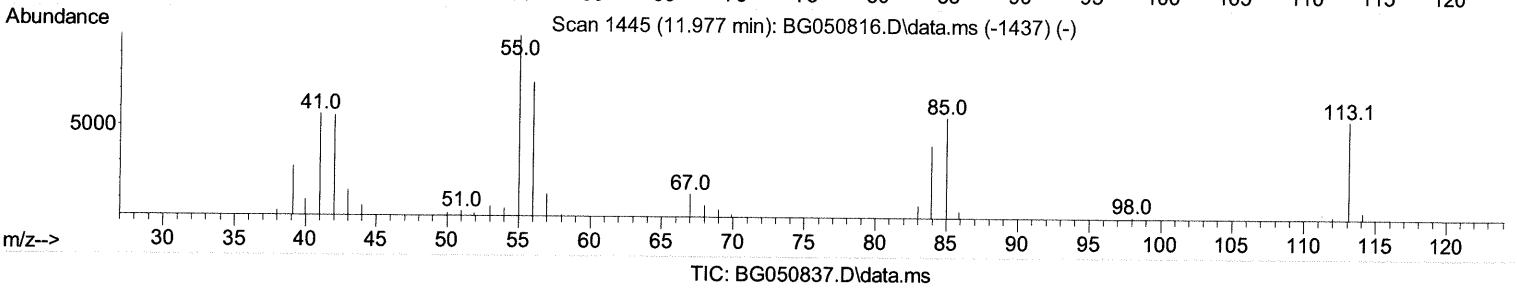

TIC: BG050837.D\data.ms

(34) Caprolactam

11.967min (-0.010) 13.42 ng/ul

response 19541

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	200.00
56.00	136.50	154.84
0.00	0.00	0.00

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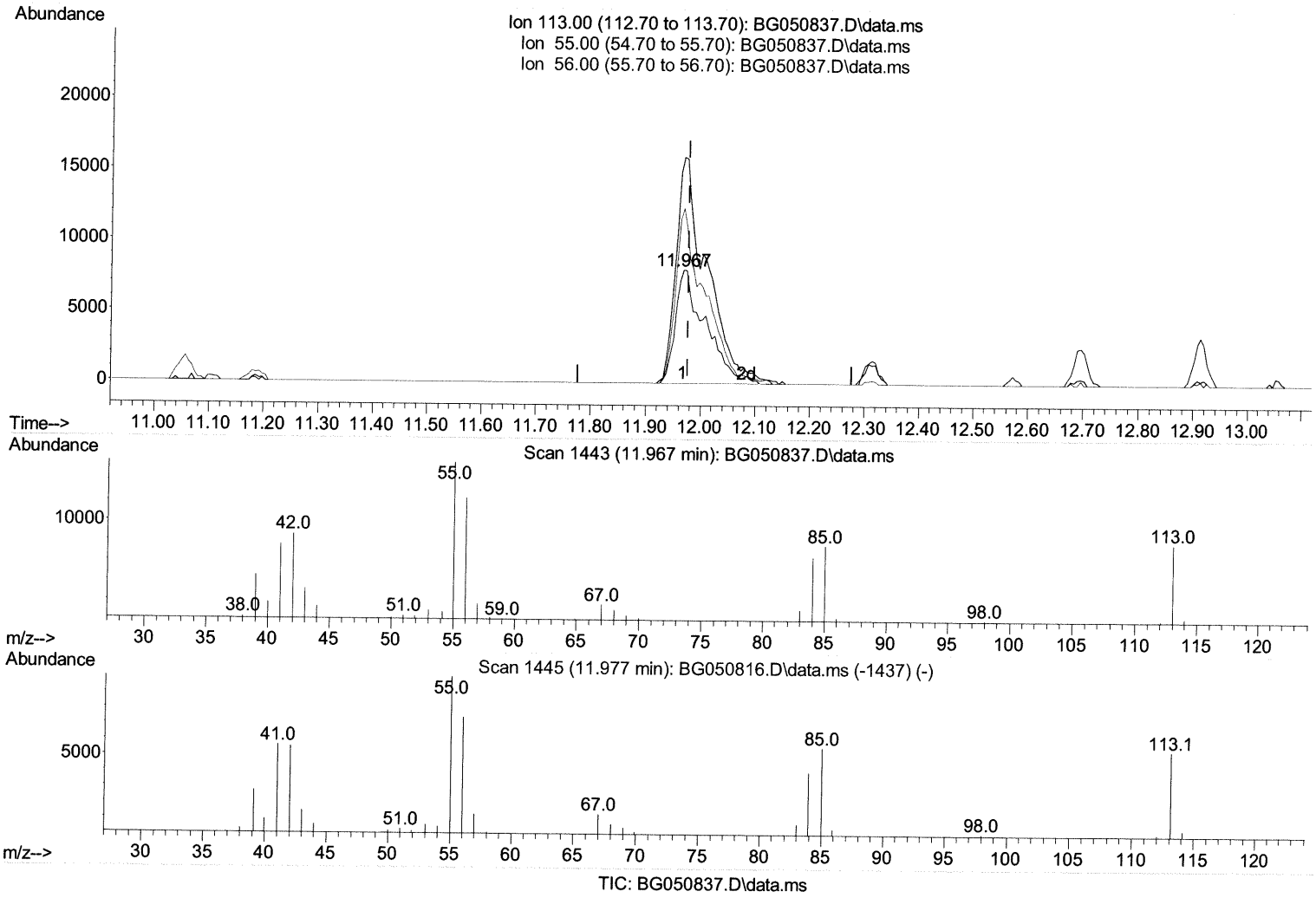

TIC: BG050837.D\data.ms

(34) Caprolactam

11.967min (-0.010) 20.87 ng/ul m 11/04/21 JU

response 30380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	200.00
56.00	136.50	154.84
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	8.230	152	42183	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	220830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.852	164	158860	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.602	188	360350	20.000	ng/ul	0.00
79) Chrysene-d12	21.897	240	308747	20.000	ng/ul	0.00
88) Perylene-d12	25.299	264	310284	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.583	96	4923	3.767	ng/uL	0.00
4) Pyridine-d5	4.012	84	74669	19.097	ng/ul	0.00
7) Phenol-d5	7.372	99	91548	20.343	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	58878	20.254	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	64266	20.606	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	73665	20.793	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	34881	18.587	ng/ul	0.00
24) 2-Nitrophenol-d4	10.128	143	39490	18.925	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.669	165	66821	19.010	ng/ul	0.00
31) 4-Chloroaniline-d4	11.186	131	96113	18.056	ng/ul	0.00
46) Dimethylphthalate-d6	14.247	166	231624	19.058	ng/ul	0.00
49) Acenaphthylene-d8	14.552	160	279933	18.487	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	41074	18.639	ng/ul	0.00
60) Fluorene-d10	15.845	176	200545	18.627	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	39687	18.166	ng/ul	0.00
73) Anthracene-d10	17.702	188	309646	18.175	ng/ul	0.00
81) Pyrene-d10	19.975	212	368488	18.478	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.064	264	305115	17.788	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	11334	7.895	ng/uL	90
5) Pyridine	4.029	79	79661	19.682	ng/ul	96
6) Benzaldehyde	7.361	77	68330	24.073	ng/ul	96
8) Phenol	7.402	94	102296	21.974	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.637	93	75645	21.709	ng/ul	98
12) 2-Chlorophenol	7.790	128	69985	22.101	ng/ul	97
13) 2-Methylphenol	8.665	108	76212	22.149	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.753	45	117454	21.400	ng/ul	99
16) Acetophenone	9.059	105	121653	22.104	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.035	70	73771	22.216	ng/ul	98
18) 4-Methylphenol	8.994	108	81052	22.123	ng/ul	97
19) Hexachloroethane	9.317	117	28953	21.869	ng/ul	94
22) Nitrobenzene	9.447	77	106103	20.272	ng/ul	98
23) Isophorone	9.964	82	208620	20.538	ng/ul	97
25) 2-Nitrophenol	10.163	139	42967	20.525	ng/ul	95
26) 2,4-Dimethylphenol	10.204	107	92480	20.073	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.445	93	111115	20.302	ng/ul	98
29) 2,4-Dichlorophenol	10.692	162	70470	20.554	ng/ul	100
30) Naphthalene	11.109	128	236225	19.562	ng/ul	98
32) 4-Chloroaniline	11.209	127	104338	19.740	ng/ul	98
33) Hexachlorobutadiene	11.380	225	43011	19.113	ng/ul	96
34) Caprolactam	11.967	113	30380m>	20.871	ng/ul >	11/04/21 JU
35) 4-Chloro-3-methylphenol	12.314	107	92323	21.079	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.696	142	166751	20.270	ng/ul	99
37) 1-Methylnaphthalene	12.913	142	168127	20.169	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.054	216	89227	19.276	ng/ul	96
40) Hexachlorocyclopentadiene	13.031	237	38287	17.225	ng/ul	98
41) 2,4,6-Trichlorophenol	13.295	196	61360	20.258	ng/ul	99
42) 2,4,5-Trichlorophenol	13.365	196	65974	20.289	ng/ul	93
43) 1,1'-Biphenyl	13.689	154	226737	19.527	ng/ul	99
44) 2-Chloronaphthalene	13.736	162	177043	19.457	ng/ul	98
45) 2-Nitroaniline	13.941	65	73373	20.296	ng/ul	96
47) Dimethylphthalate	14.294	163	245115	20.170	ng/ul	100
48) 2,6-Dinitrotoluene	14.423	165	52565	20.666	ng/ul	96
50) Acenaphthylene	14.582	152	300097	19.774	ng/ul	98
51) 3-Nitroaniline	14.758	138	54604	20.757	ng/ul	95
52) Acenaphthene	14.917	153	196465	19.688	ng/ul	95
53) 2,4-Dinitrophenol	14.964	184	25255	17.999	ng/ul	94
55) 4-Nitrophenol	15.058	109	40425	20.002	ng/ul	94
56) Dibenzofuran	15.251	168	279795	19.589	ng/ul	99
57) 2,4-Dinitrotoluene	15.210	165	76044	20.949	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.475	232	52499	20.544	ng/ul	98
59) Diethylphthalate	15.651	149	262161	20.154	ng/ul	99
61) Fluorene	15.898	166	222237	19.657	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.880	204	117012	19.876	ng/ul	98
63) 4-Nitroaniline	15.921	138	54994	21.073	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.974	198	41756	19.599	ng/ul#	98
67) N-Nitrosodiphenylamine	16.098	169	201161	19.971	ng/ul	99
68) 4-Bromophenyl-phenylether	16.779	248	71910	20.061	ng/ul	97
69) Hexachlorobenzene	16.902	284	74254	20.150	ng/ul	98
70) Atrazine	17.038	200	81950	19.186	ng/ul	95
71) Pentachlorophenol	17.243	266	33127	19.581	ng/ul	95
72) Phenanthrene	17.643	178	381132	19.814	ng/ul	98
74) Anthracene	17.731	178	377215	19.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.659	216	93869	19.131	ng/uL	98
76) Pentachlorobenzene	15.169	250	87787	19.310	ng/uL	99
77) Carbazole	18.001	167	359208	20.765	ng/ul	99
78) Di-n-butylphthalate	18.536	149	457680	20.135	ng/ul	99
80) Fluoranthene	19.640	202	471076	19.684	ng/ul	100
82) Pyrene	20.005	202	458798	19.620	ng/ul	98
83) Butylbenzylphthalate	20.868	149	200921	19.981	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.779	252	142882	19.003	ng/ul	97
85) Benzo(a)anthracene	21.879	228	416655	19.493	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.744	149	286355	19.839	ng/ul	99
87) Chrysene	21.950	228	394969	19.344	ng/ul	99
89) Di-n-octyl phthalate	23.019	149	490347	19.411	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	425882	19.267	ng/ul	100
91) Benzo(k)fluoranthene	24.282	252	386550	18.636	ng/ul	99
93) Benzo(a)pyrene	25.140	252	398175	18.913	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.206	276	442803	18.894	ng/ul	96
95) Dibenzo(a,h)anthracene	29.270	278	378694	19.097	ng/ul	99
96) Benzo(g,h,i)perylene	30.440	276	371505	18.937	ng/ul	99

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