Quantitation Report (QT Reviewed)

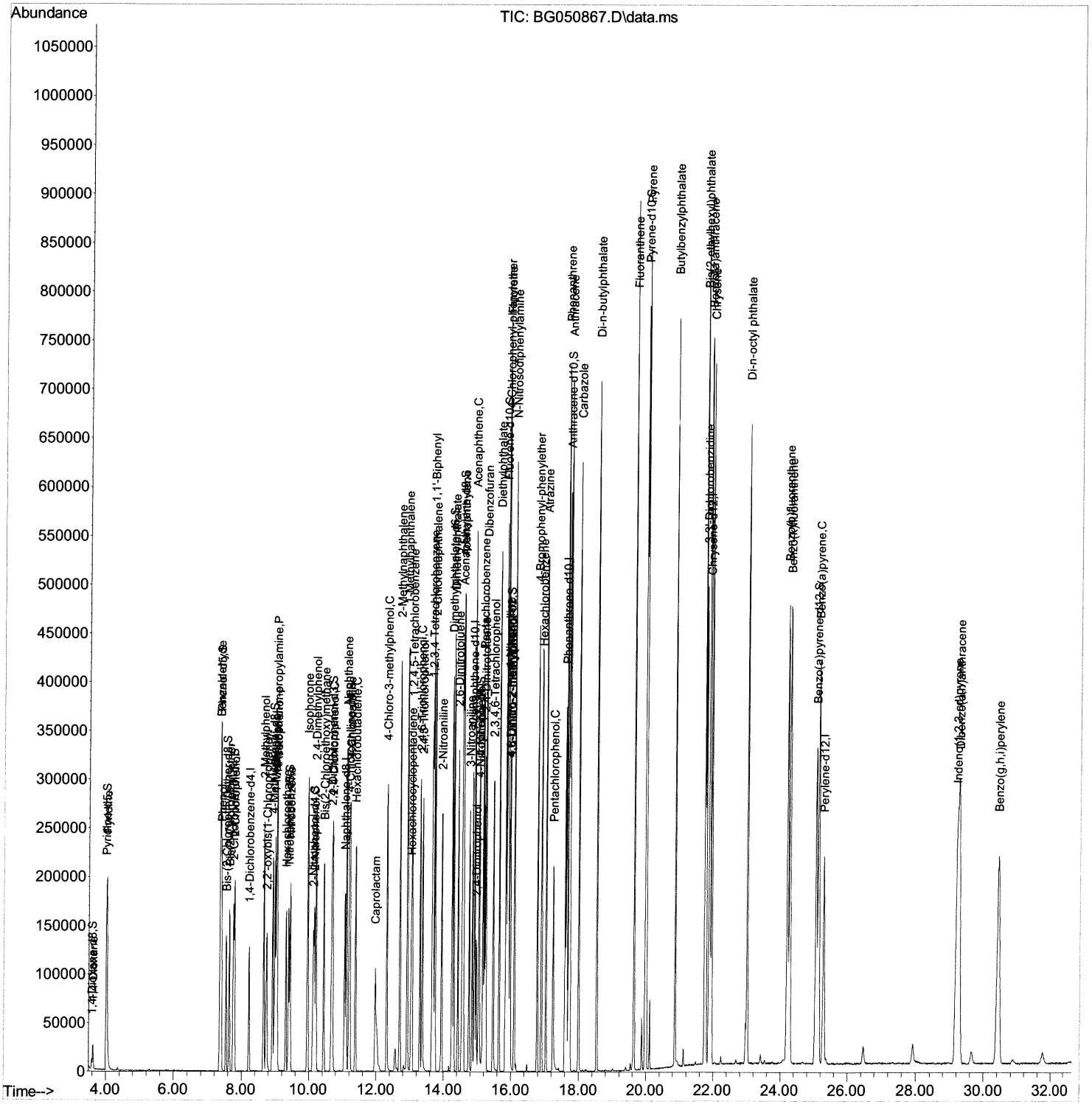
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050867.D
Acq On : 4 Nov 2021 4:30
Operator : CG/JU
Sample : PB140458BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Nov 07 08:17:02 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 :
SLCS458

Manual IntegrationsAPPROVED

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



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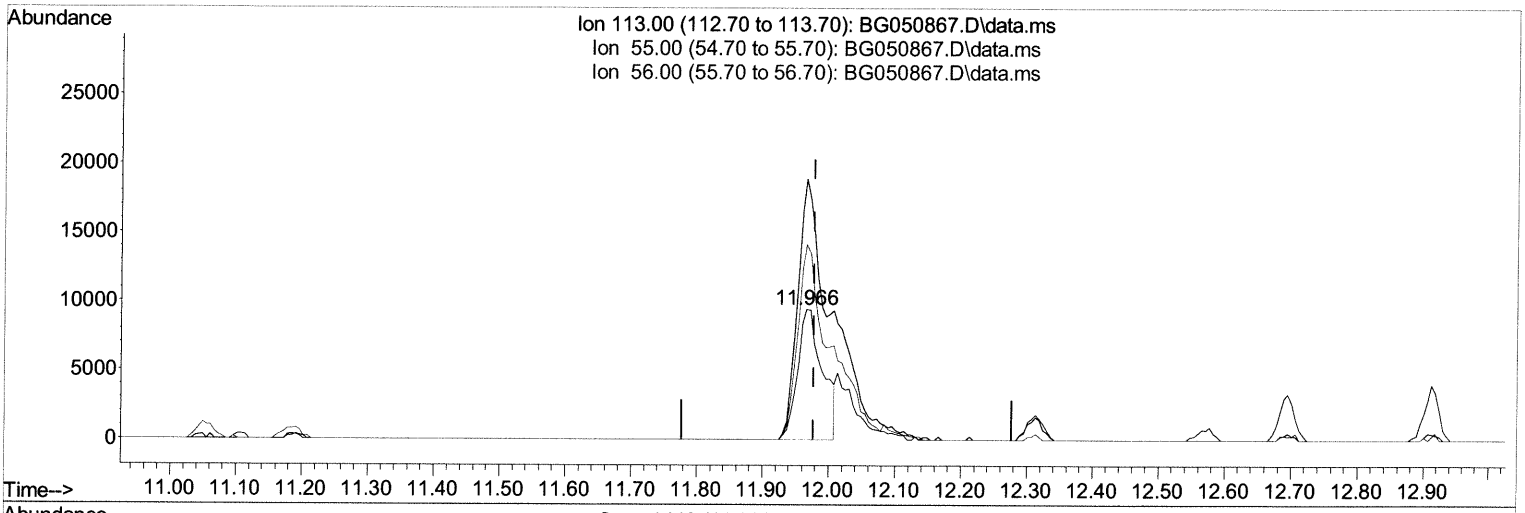

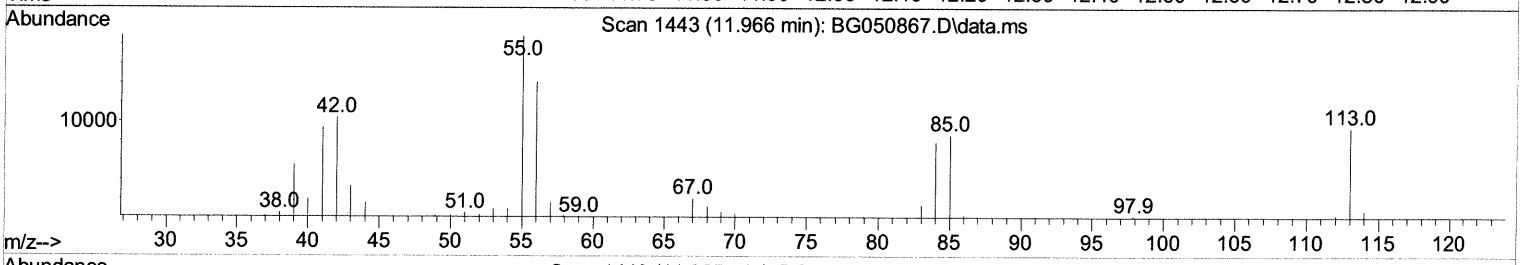

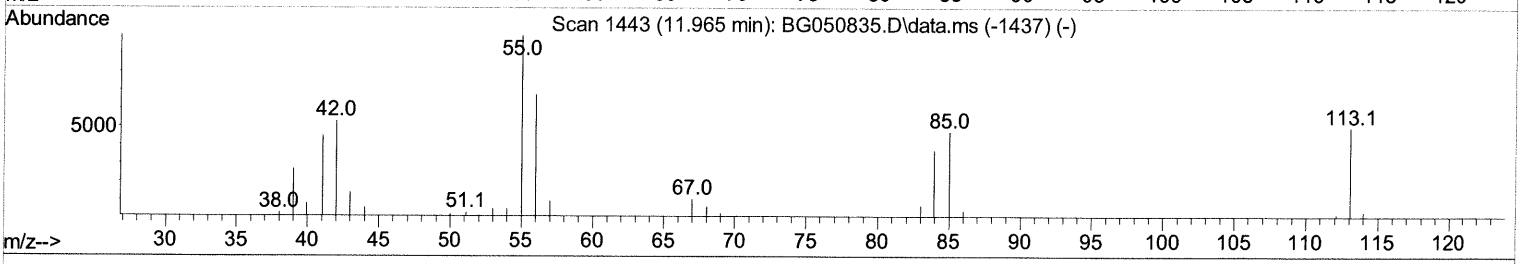

TIC: BG050867.D\data.ms

(34) Caprolactam

11.966min (-0.011) 23.74 ng/ul

response 24440

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	200.04
56.00	136.50	149.88
0.00	0.00	0.00

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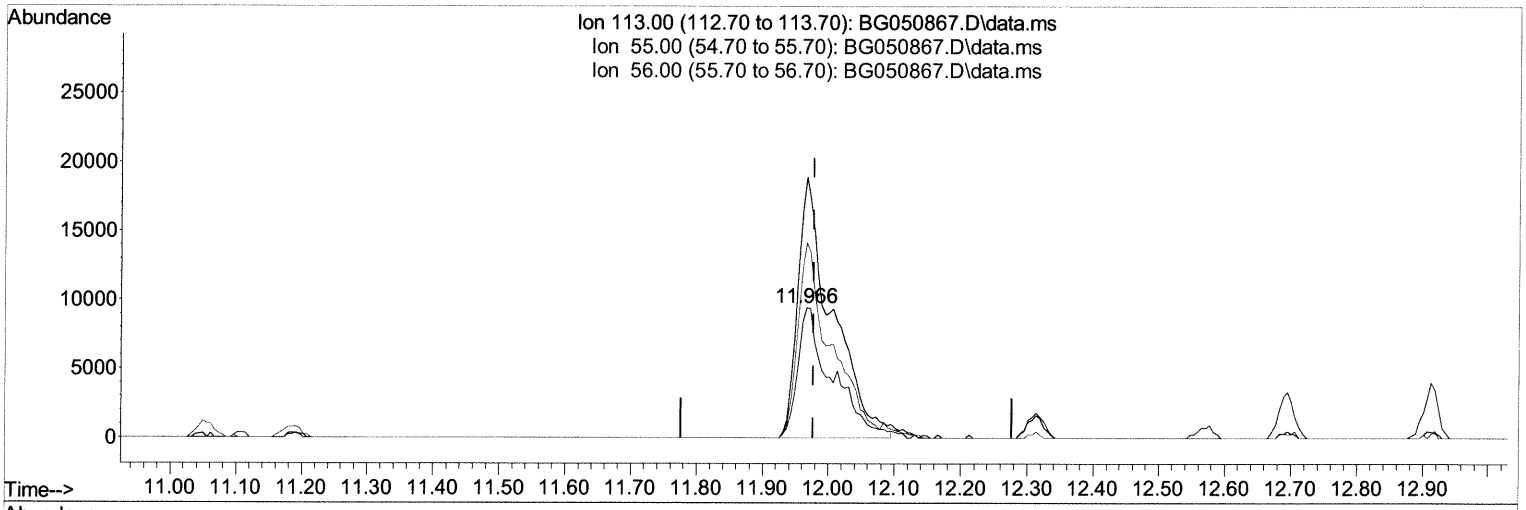

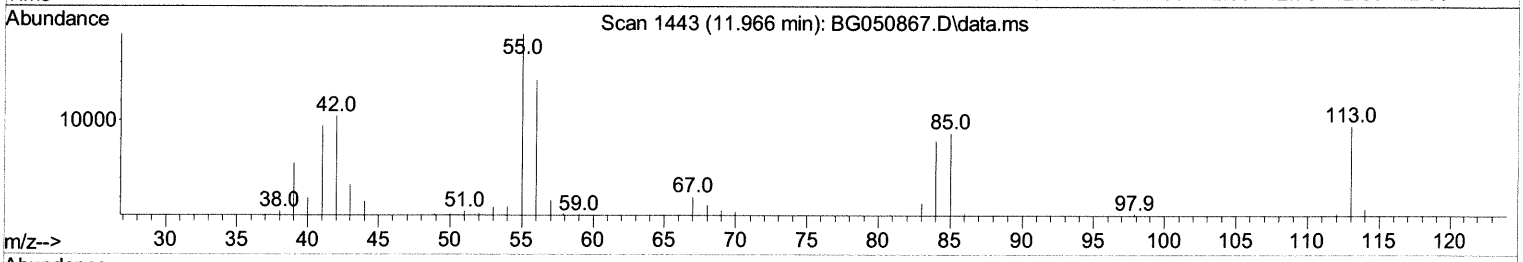

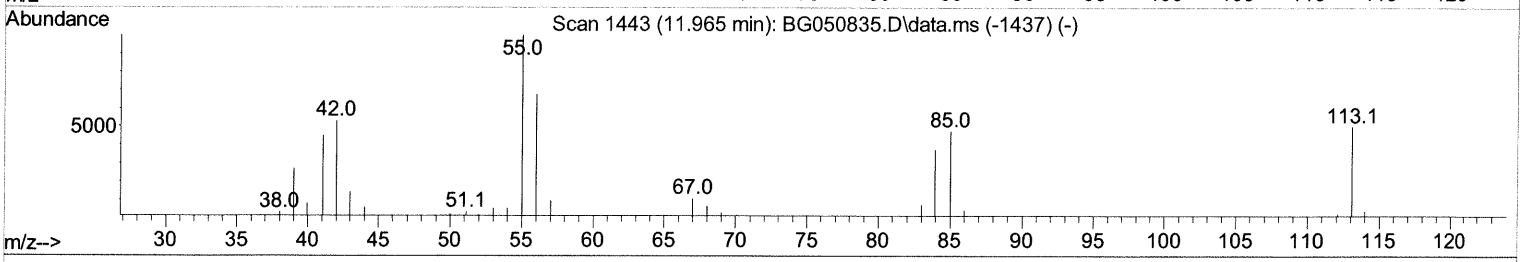

TIC: BG050867.D\data.ms

(34) Caprolactam

11.966min (-0.011) 33.18 ng/ul m 11/13/21 JU

response 34157

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	200.04
56.00	136.50	149.88
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	8.229	152	33820	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	156170	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	104774	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.601	188	238420	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	203379	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	204582	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	6030	5.755	ng/uL	0.00
4) Pyridine-d5	4.011	84	90808	28.968	ng/ul	0.00
7) Phenol-d5	7.372	99	107874	29.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	71024	30.474	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	76670	30.663	ng/ul	-0.01
15) 4-Methylphenol-d8	8.929	113	85823	30.215	ng/ul	0.00
21) Nitrobenzene-d5	9.399	128	40809	30.750	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.127	143	45704	30.972	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	78333	31.513	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	110945	29.472	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	261549	32.629	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	322869	32.329	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	48065	33.071	ng/ul	0.00
60) Fluorene-d10	15.838	176	228588	32.191	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	45549	31.511	ng/ul	0.00
73) Anthracene-d10	17.695	188	352871	31.304	ng/ul	-0.01
81) Pyrene-d10	19.974	212	415898	31.661	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	350363	30.979	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	13402	11.645	ng/uL	98
5) Pyridine	4.028	79	100322	30.917	ng/ul	96
6) Benzaldehyde	7.360	77	81752	35.924	ng/ul	97
8) Phenol	7.401	94	122193	32.739	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.636	93	91280	32.674	ng/ul	99
12) 2-Chlorophenol	7.789	128	83438	32.866	ng/ul	98
13) 2-Methylphenol	8.664	108	90462	32.791	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.746	45	142313	32.341	ng/ul	98
16) Acetophenone	9.058	105	141050	31.966	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.034	70	87704	32.944	ng/ul	97
18) 4-Methylphenol	8.993	108	95853	32.633	ng/ul	95
19) Hexachloroethane	9.322	117	35028	33.000	ng/ul	96
22) Nitrobenzene	9.446	77	122589	33.120	ng/ul	99
23) Isophorone	9.963	82	242771	33.795	ng/ul	99
25) 2-Nitrophenol	10.162	139	51067	34.494	ng/ul	98
26) 2,4-Dimethylphenol	10.204	107	103569	31.787	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.439	93	129822	33.541	ng/ul	99
29) 2,4-Dichlorophenol	10.697	162	82496	34.023	ng/ul	97
30) Naphthalene	11.102	128	282838	33.120	ng/ul	99
32) 4-Chloroaniline	11.208	127	120601	32.264	ng/ul	95
33) Hexachlorobutadiene	11.379	225	51233	32.193	ng/ul	97
34) Caprolactam	11.966	113	34157m	33.182	ng/ul	11/13/21 JU
35) 4-Chloro-3-methylphenol	12.313	107	105536	34.072	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.695	142	193145	33.199	ng/ul	99
37) 1-Methylnaphthalene	12.912	142	196090	33.264	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	103243	33.818	ng/ul	96
40) Hexachlorocyclopentadiene	13.030	237	41799	28.512	ng/ul	100
41) 2,4,6-Trichlorophenol	13.294	196	70150	35.116	ng/ul	100
42) 2,4,5-Trichlorophenol	13.365	196	75593	35.247	ng/ul	96
43) 1,1'-Biphenyl	13.688	154	264670	34.560	ng/ul	98
44) 2-Chloronaphthalene	13.735	162	204484	34.073	ng/ul	97
45) 2-Nitroaniline	13.940	65	84343	35.373	ng/ul	97
47) Dimethylphthalate	14.293	163	282808	35.285	ng/ul	100
48) 2,6-Dinitrotoluene	14.422	165	60740	36.208	ng/ul	97
50) Acenaphthylene	14.581	152	345696	34.538	ng/ul	99
51) 3-Nitroaniline	14.757	138	62967	36.292	ng/ul	93
52) Acenaphthene	14.916	153	227966	34.638	ng/ul	97
53) 2,4-Dinitrophenol	14.963	184	29673	32.064	ng/ul	99
55) 4-Nitrophenol	15.057	109	46613	34.970	ng/ul	96
56) Dibenzofuran	15.251	168	323067	34.294	ng/ul	99
57) 2,4-Dinitrotoluene	15.209	165	87037	36.355	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.474	232	60717	36.025	ng/ul	99
59) Diethylphthalate	15.650	149	305422	35.600	ng/ul	99
61) Fluorene	15.897	166	255374	34.249	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	135631	34.932	ng/ul	99
63) 4-Nitroaniline	15.914	138	63839	37.089	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.973	198	48289	34.256	ng/ul#	99
67) N-Nitrosodiphenylamine	16.097	169	230831	34.636	ng/ul	98
68) 4-Bromophenyl-phenylether	16.778	248	82534	34.801	ng/ul	97
69) Hexachlorobenzene	16.902	284	83889	34.407	ng/ul	98
70) Atrazine	17.037	200	95254	33.705	ng/ul	98
71) Pentachlorophenol	17.242	266	38691	34.565	ng/ul	97
72) Phenanthrene	17.642	178	445070	34.971	ng/ul	99
74) Anthracene	17.730	178	430207	33.690	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	108586	33.449	ng/uL	97
76) Pentachlorobenzene	15.168	250	99798	33.178	ng/uL	99
77) Carbazole	18.000	167	412923	36.078	ng/ul	98
78) Di-n-butylphthalate	18.535	149	527889	35.101	ng/ul	99
80) Fluoranthene	19.640	202	542082	34.386	ng/ul	99
82) Pyrene	20.004	202	522559	33.924	ng/ul	100
83) Butylbenzylphthalate	20.868	149	228844	34.548	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.778	252	164353	33.183	ng/ul	97
85) Benzo(a)anthracene	21.872	228	478338	33.974	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.743	149	331831	34.900	ng/ul	100
87) Chrysene	21.943	228	460243	34.219	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	561360	33.704	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	482969	33.138	ng/ul	98
91) Benzo(k)fluoranthene	24.281	252	457998	33.489	ng/ul	99
93) Benzo(a)pyrene	25.139	252	460107	33.147	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.199	276	514958	33.326	ng/ul	97
95) Dibenzo(a,h)anthracene	29.269	278	435318	33.295	ng/ul	99
96) Benzo(g,h,i)perylene	30.427	276	432731	33.455	ng/ul	96

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