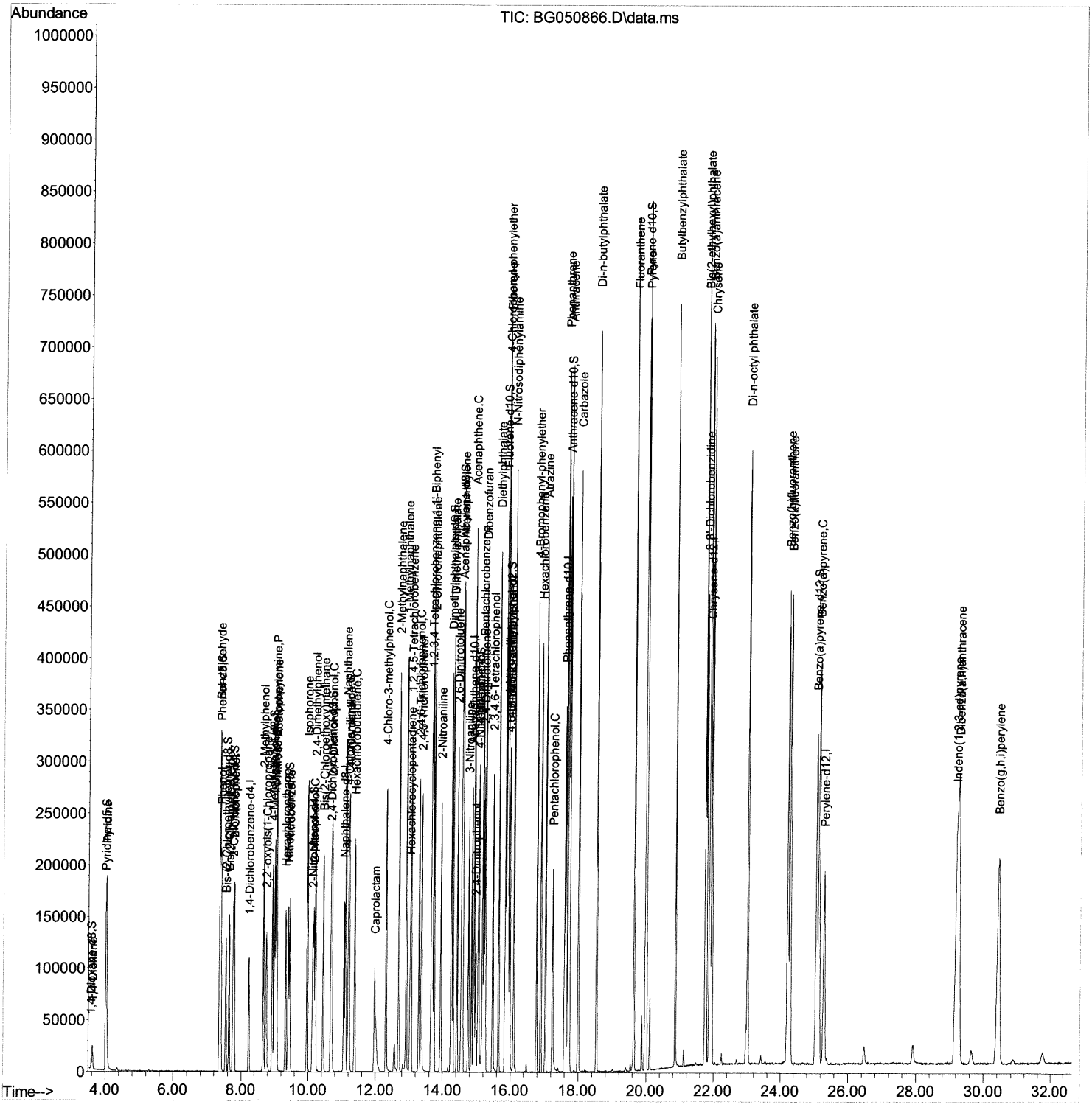
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050866.D
Acq On : 4 Nov 2021 3:50
Operator : CG/JU
Sample : PB140455BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Nov 07 08:10:01 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 :
SLCS455

Manual IntegrationsAPPROVED

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



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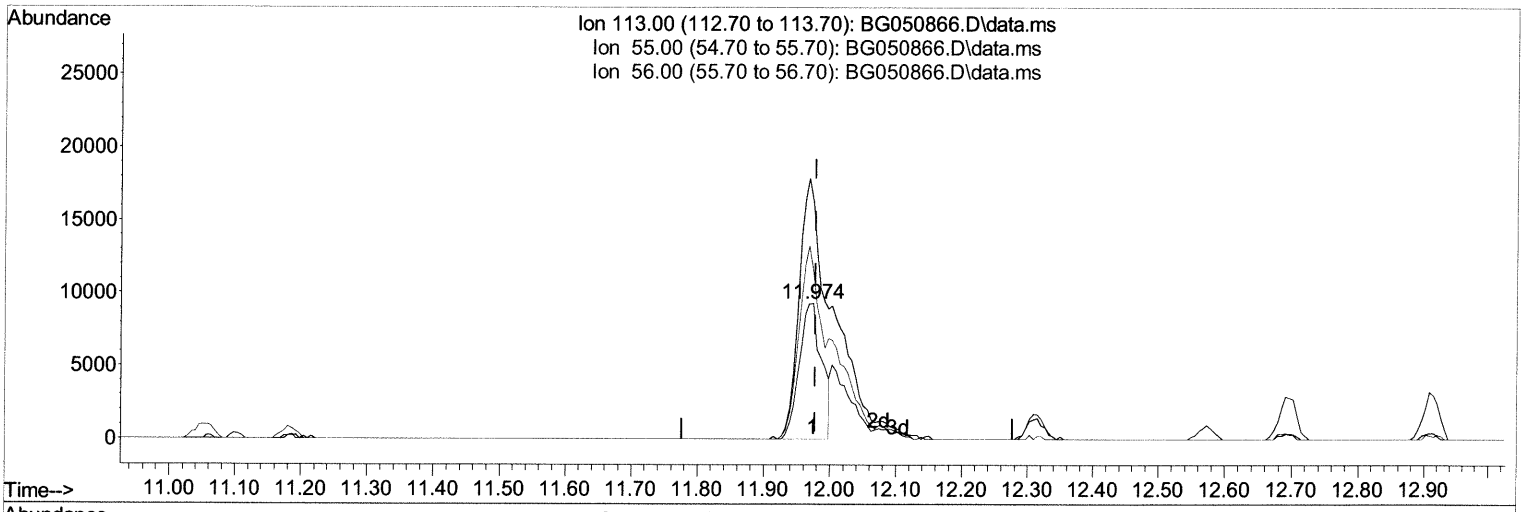

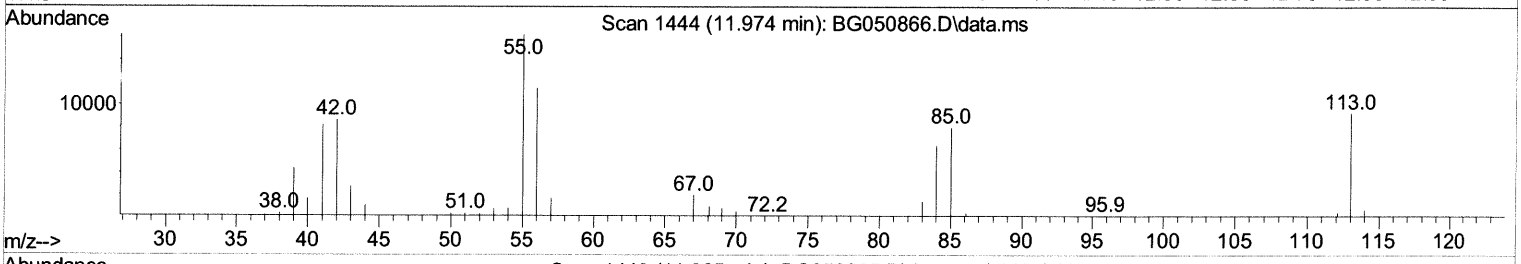

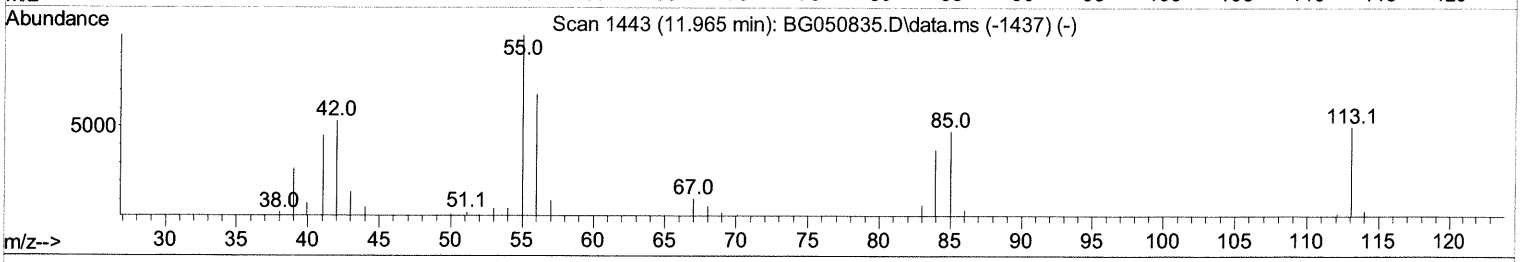

TIC: BG050866.D\data.ms

(34) Caprolactam

11.974min (-0.003) 23.60 ng/ul

response 21878

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.26
56.00	136.50	123.11
0.00	0.00	0.00

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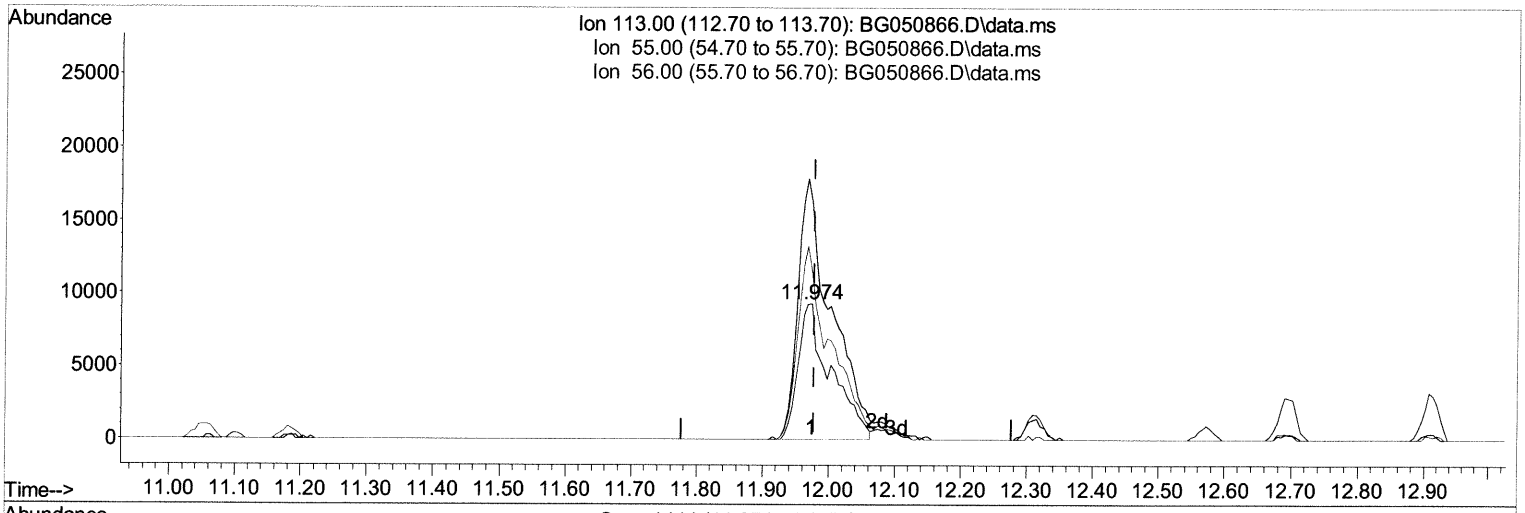

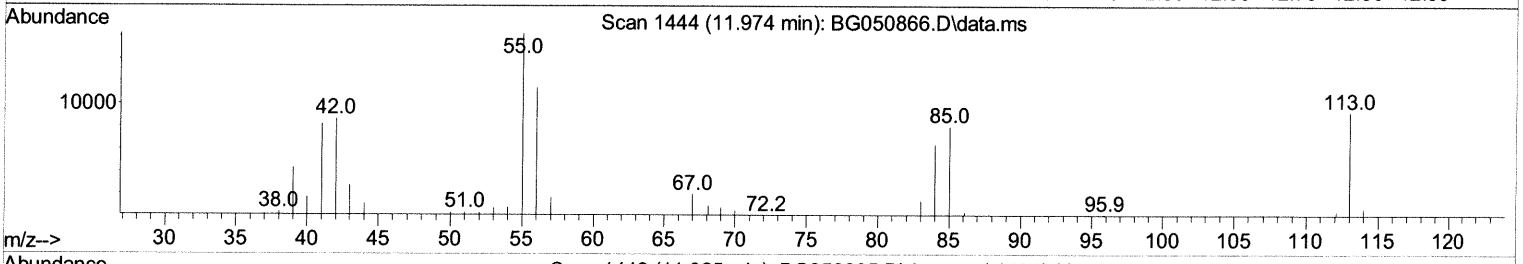

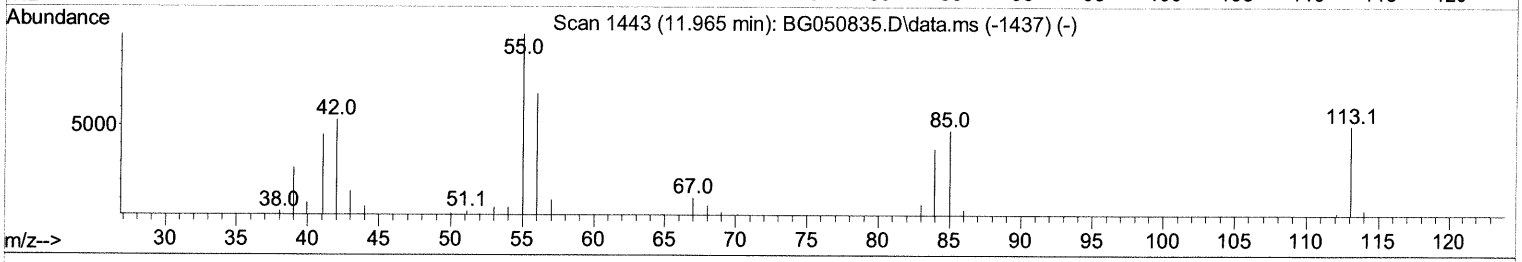

TIC: BG050866.D\data.ms

(34) Caprolactam

11.974min (-0.003) 34.75 ng/ul m 11/13/21 JU

response 32212

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	174.26
56.00	136.50	123.11
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 53 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	30283	20.000	ng/ul	0.00
20) Naphthalene-d8	11.051	136	140628	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	96279	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.597	188	220263	20.000	ng/ul	0.00
79) Chrysene-d12	21.898	240	184924	20.000	ng/ul	0.00
88) Perylene-d12	25.288	264	188302	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.584	96	5715	6.091	ng/uL	0.00
4) Pyridine-d5	4.007	84	84592	30.137	ng/ul	0.00
7) Phenol-d5	7.373	99	101735	31.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	66828	32.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	71678	32.014	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	80443	31.629	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	38753	32.427	ng/ul	0.00
24) 2-Nitrophenol-d4	10.123	143	43402	32.662	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.664	165	74137	33.121	ng/ul	0.00
31) 4-Chloroaniline-d4	11.187	131	104266	30.759	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	249590	33.884	ng/ul	0.00
49) Acenaphthylene-d8	14.547	160	307023	33.455	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	45180	33.828	ng/ul	0.00
60) Fluorene-d10	15.840	176	217730	33.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	42910	32.133	ng/ul	0.00
73) Anthracene-d10	17.697	188	335070	32.176	ng/ul	0.00
81) Pyrene-d10	19.970	212	392756	32.883	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.059	264	332987	31.988	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	13467	13.068	ng/uL	96
5) Pyridine	4.030	79	93665	32.237	ng/ul	95
6) Benzaldehyde	7.362	77	75661	37.131	ng/ul	94
8) Phenol	7.397	94	115559	34.578	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.638	93	86957	34.762	ng/ul	98
12) 2-Chlorophenol	7.785	128	79422	34.938	ng/ul	98
13) 2-Methylphenol	8.660	108	84769	34.317	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.748	45	135659	34.430	ng/ul	98
16) Acetophenone	9.054	105	136031	34.430	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.030	70	83565	35.055	ng/ul	99
18) 4-Methylphenol	8.989	108	91918	34.948	ng/ul	98
19) Hexachloroethane	9.318	117	32483	34.176	ng/ul	97
22) Nitrobenzene	9.442	77	116181	34.858	ng/ul	99
23) Isophorone	9.964	82	229291	35.447	ng/ul	100
25) 2-Nitrophenol	10.158	139	48107	36.086	ng/ul	97
26) 2,4-Dimethylphenol	10.205	107	98266	33.493	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.440	93	124469	35.712	ng/ul	100
29) 2,4-Dichlorophenol	10.693	162	79815	36.556	ng/ul	98
30) Naphthalene	11.104	128	267334	34.764	ng/ul	98
32) 4-Chloroaniline	11.210	127	111990	33.272	ng/ul	99
33) Hexachlorobutadiene	11.375	225	48585	33.903	ng/ul	98
34) Caprolactam	11.974	113	32212m>	34.751	ng/ul>	11/13/21 JU
35) 4-Chloro-3-methylphenol	12.315	107	101817	36.505	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.697	142	183447	35.017	ng/ul	97
37) 1-Methylnaphthalene	12.914	142	185020	34.855	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.055	216	99575	35.495	ng/ul	95
40) Hexachlorocyclopentadiene	13.031	237	39021	28.966	ng/ul	99
41) 2,4,6-Trichlorophenol	13.290	196	66493	36.223	ng/ul	93
42) 2,4,5-Trichlorophenol	13.366	196	70760	35.904	ng/ul	98
43) 1,1'-Biphenyl	13.689	154	249814	35.498	ng/ul	99
44) 2-Chloronaphthalene	13.736	162	195747	35.495	ng/ul	96
45) 2-Nitroaniline	13.936	65	80436	36.711	ng/ul	97
47) Dimethylphthalate	14.295	163	267152	36.273	ng/ul	100
48) 2,6-Dinitrotoluene	14.424	165	56453	36.622	ng/ul	99
50) Acenaphthylene	14.577	152	331728	36.067	ng/ul	99
51) 3-Nitroaniline	14.753	138	58800	36.881	ng/ul	89
52) Acenaphthene	14.917	153	216654	35.823	ng/ul	95
53) 2,4-Dinitrophenol	14.964	184	27901	32.810	ng/ul	92
55) 4-Nitrophenol	15.053	109	44517	36.344	ng/ul	94
56) Dibenzofuran	15.246	168	307084	35.473	ng/ul	97
57) 2,4-Dinitrotoluene	15.211	165	81410	37.005	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.470	232	57738	37.280	ng/ul	94
59) Diethylphthalate	15.646	149	285744	36.245	ng/ul	100
61) Fluorene	15.899	166	246587	35.989	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.881	204	128223	35.938	ng/ul	99
63) 4-Nitroaniline	15.916	138	59388	37.548	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.969	198	45399	34.861	ng/ul	93
67) N-Nitrosodiphenylamine	16.093	169	218659	35.515	ng/ul	98
68) 4-Bromophenyl-phenylether	16.774	248	78320	35.746	ng/ul	97
69) Hexachlorobenzene	16.898	284	79878	35.463	ng/ul	96
70) Atrazine	17.033	200	89436	34.255	ng/ul	99
71) Pentachlorophenol	17.244	266	37046	35.824	ng/ul	96
72) Phenanthrene	17.638	178	417591	35.517	ng/ul	99
74) Anthracene	17.732	178	408255	34.607	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	103566	34.532	ng/uL	98
76) Pentachlorobenzene	15.164	250	93148	33.520	ng/uL	97
77) Carbazole	18.002	167	390165	36.900	ng/ul	98
78) Di-n-butylphthalate	18.531	149	501093	36.066	ng/ul	99
80) Fluoranthene	19.641	202	511540	35.687	ng/ul	99
82) Pyrene	20.000	202	492952	35.196	ng/ul	99
83) Butylbenzylphthalate	20.863	149	218547	36.286	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.780	252	154758	34.364	ng/ul	97
85) Benzo(a)anthracene	21.874	228	453910	35.456	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.745	149	311072	35.981	ng/ul	98
87) Chrysene	21.945	228	433093	35.414	ng/ul	100
89) Di-n-octyl phthalate	23.014	149	533649	34.811	ng/ul	100
90) Benzo(b)fluoranthene	24.207	252	463973	34.587	ng/ul	99
91) Benzo(k)fluoranthene	24.277	252	424120	33.693	ng/ul	98
93) Benzo(a)pyrene	25.135	252	436121	34.135	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.201	276	489591	34.424	ng/ul	96
95) Dibenzo(a,h)anthracene	29.265	278	415042	34.489	ng/ul	100
96) Benzo(g,h,i)perylene	30.429	276	407573	34.235	ng/ul	98

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