Quantitation Report (QT Reviewed)

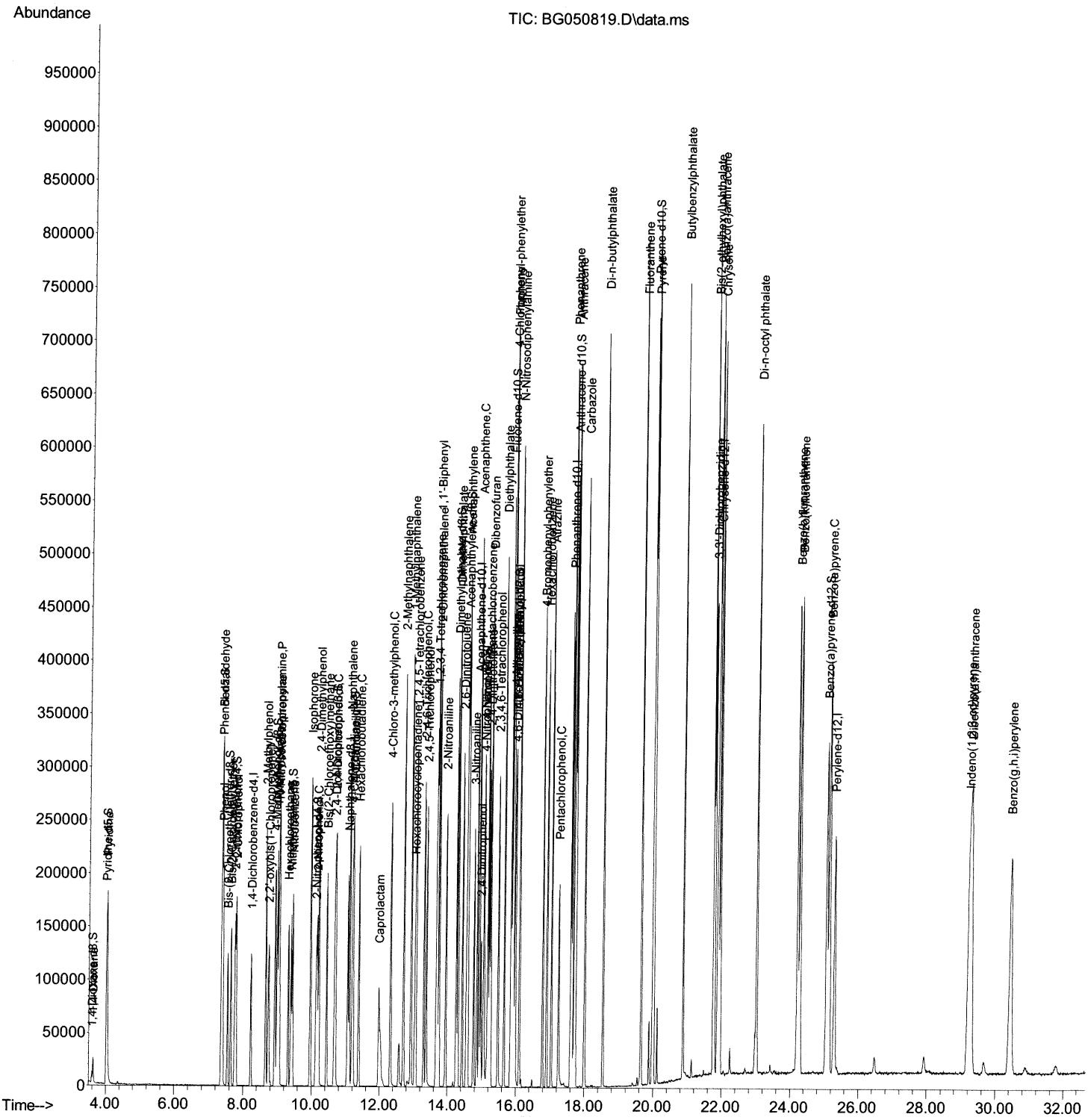
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050819.D
Acq On : 2 Nov 2021 16:17
Operator : CG/JU
Sample : PB140311BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 02 16:59:06 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 :
SLCS311

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021



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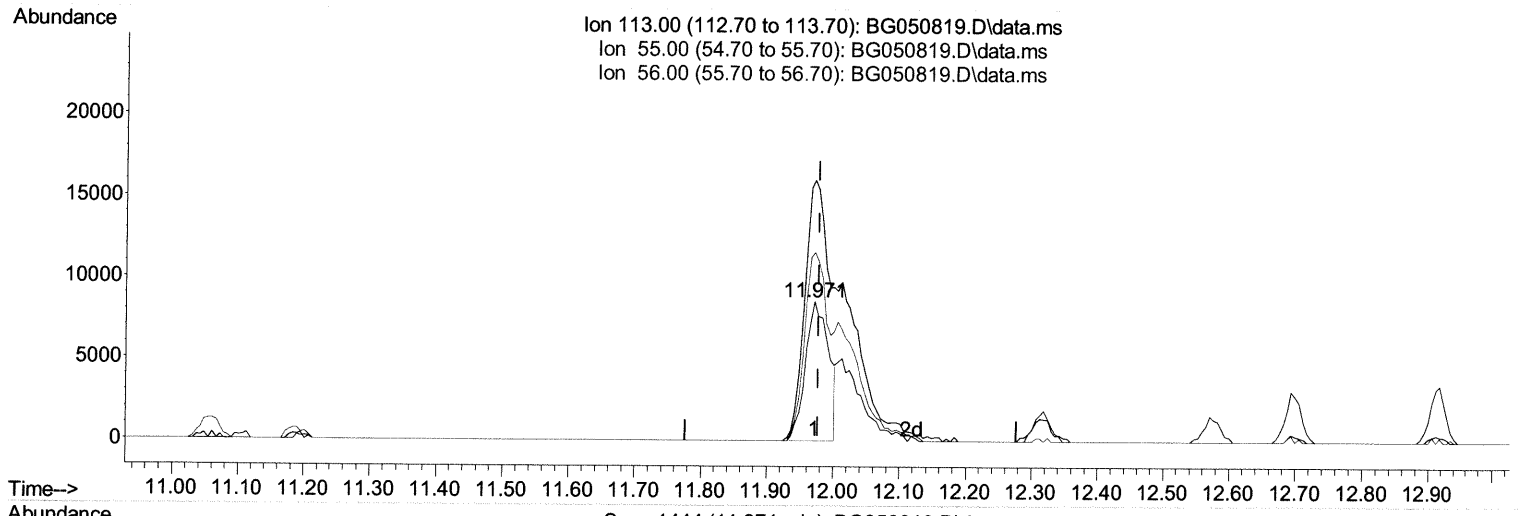

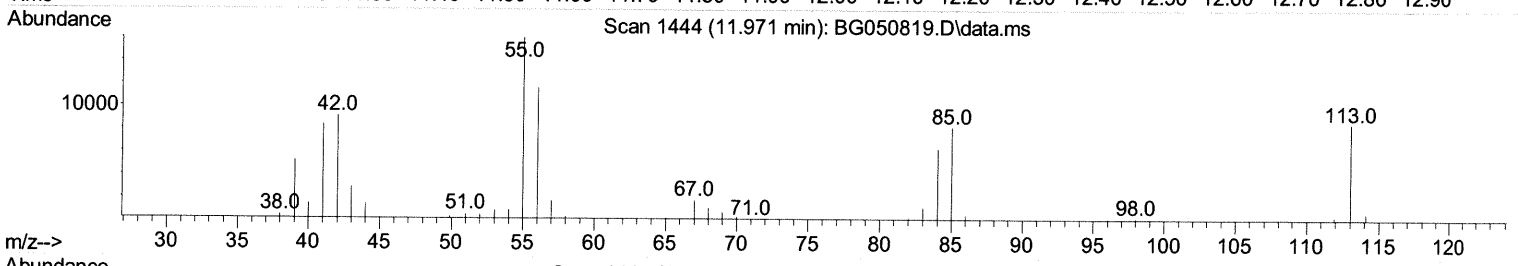

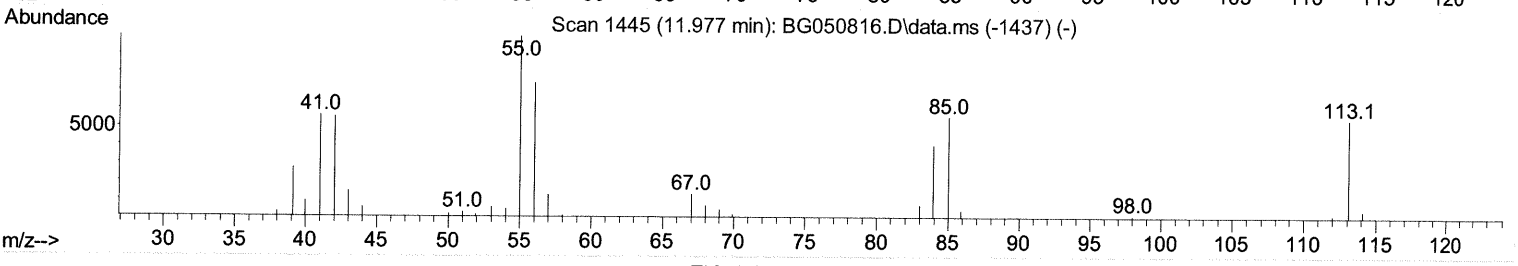

TIC: BG050819.D\data.ms

(34) Caprolactam

11.971min (-0.006) 18.40 ng/ul

response 20711

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	187.60
56.00	136.50	135.76
0.00	0.00	0.00

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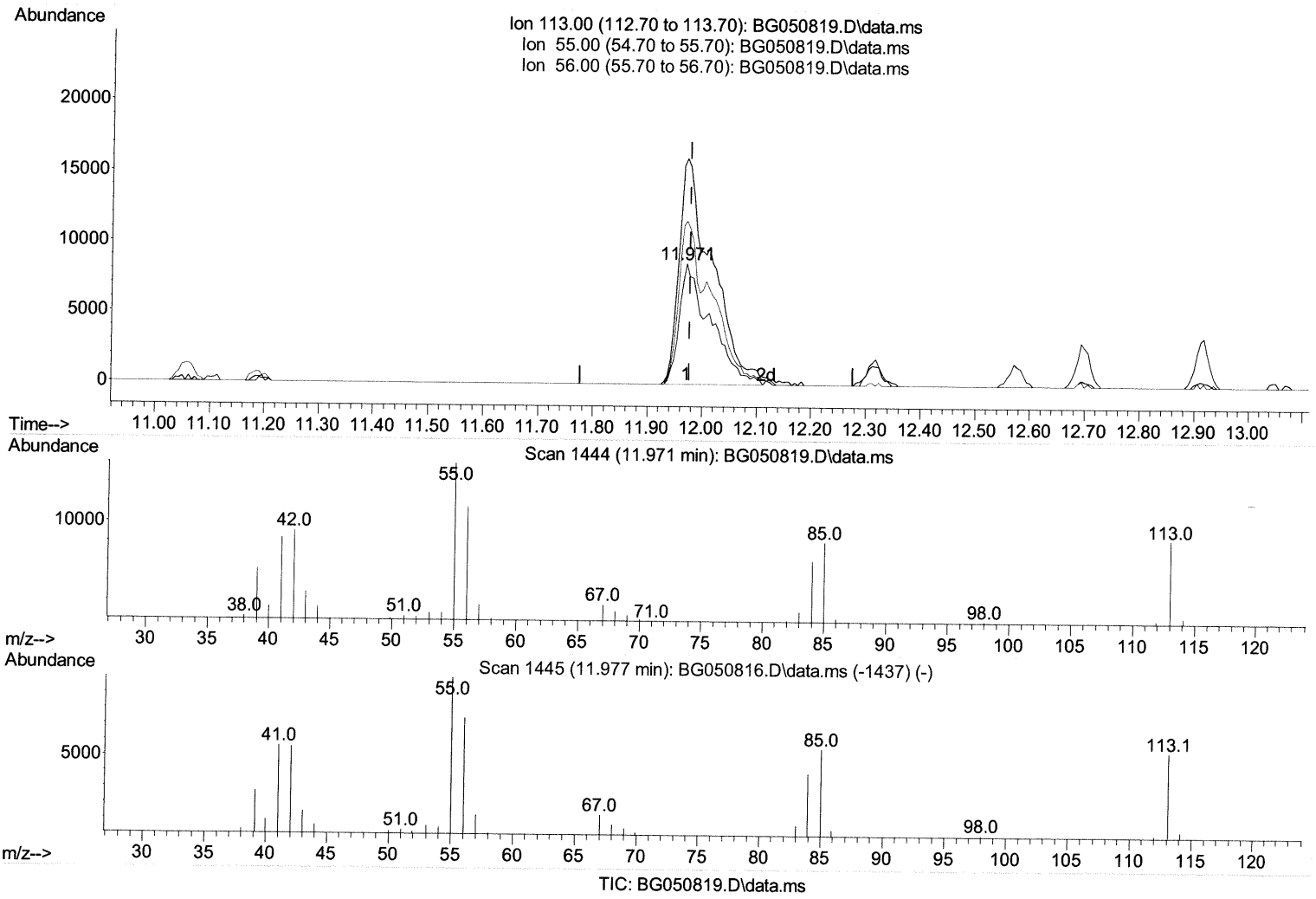

TIC: BG050819.D\data.ms

(34) Caprolactam

11.971min (-0.006) 30.18 ng/ul m 11/04/21 JU

response 33967

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	187.60
56.00	136.50	135.76
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	8.234	152	33757	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	170775	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.856	164	121452	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.600	188	278623	20.000	ng/ul	0.00
79) Chrysene-d12	21.901	240	231034	20.000	ng/ul	0.00
88) Perylene-d12	25.303	264	216939	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	5403	5.166	ng/uL	0.00
4) Pyridine-d5	4.010	84	81462	26.035	ng/ul	0.00
7) Phenol-d5	7.377	99	100378	27.873	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	64478	27.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.759	132	69949	28.027	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	79102	27.901	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	37708	25.983	ng/ul	0.00
24) 2-Nitrophenol-d4	10.126	143	43099	26.709	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.673	165	72840	26.797	ng/ul	0.00
31) 4-Chloroaniline-d4	11.190	131	99128	24.081	ng/ul	0.00
46) Dimethylphthalate-d6	14.251	166	250370	26.945	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	303822	26.245	ng/ul	0.00
54) 4-Nitrophenol-d4	15.044	143	45168	26.810	ng/ul	0.00
60) Fluorene-d10	15.843	176	217000	26.363	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	43909	25.994	ng/ul	0.00
73) Anthracene-d10	17.700	188	342393	25.992	ng/ul	0.00
81) Pyrene-d10	19.974	212	394373	26.429	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.068	264	328044	27.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	13424	11.685	ng/uL#	95
5) Pyridine	4.034	79	90179	27.843	ng/ul	97
6) Benzaldehyde	7.365	77	75475	33.228	ng/ul	96
8) Phenol	7.400	94	112013	30.068	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.641	93	84815	30.416	ng/ul	96
12) 2-Chlorophenol	7.794	128	76609	30.232	ng/ul	98
13) 2-Methylphenol	8.663	108	83936	30.483	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.752	45	131872	30.024	ng/ul	97
16) Acetophenone	9.057	105	130930	29.728	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.034	70	81504	30.672	ng/ul	98
18) 4-Methylphenol	8.998	108	88570	30.210	ng/ul	95
19) Hexachloroethane	9.321	117	32560	30.732	ng/ul	99
22) Nitrobenzene	9.451	77	114177	28.209	ng/ul	98
23) Isophorone	9.968	82	227965	29.020	ng/ul	100
25) 2-Nitrophenol	10.162	139	47917	29.598	ng/ul	95
26) 2,4-Dimethylphenol	10.209	107	103362	29.010	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.444	93	121820	28.782	ng/ul	99
29) 2,4-Dichlorophenol	10.696	162	76390	28.811	ng/ul	91
30) Naphthalene	11.108	128	262982	28.161	ng/ul	98
32) 4-Chloroaniline	11.213	127	108703	26.594	ng/ul	98
33) Hexachlorobutadiene	11.378	225	49188	28.265	ng/ul	98
34) Caprolactam	11.971	113	33967m>	30.176	ng/ul >	11/04/21 JU
35) 4-Chloro-3-methylphenol	12.312	107	99942	29.507	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.700	142	180302	28.341	ng/ul	97
37) 1-Methylnaphthalene	12.917	142	183274	28.431	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.058	216	96947	27.395	ng/ul	93
40) Hexachlorocyclopentadiene	13.029	237	45837	26.973	ng/ul	97
41) 2,4,6-Trichlorophenol	13.293	196	67575	29.182	ng/ul	97
42) 2,4,5-Trichlorophenol	13.370	196	71141	28.616	ng/ul	97
43) 1,1'-Biphenyl	13.693	154	249353	28.089	ng/ul	97
44) 2-Chloronaphthalene	13.740	162	193079	27.755	ng/ul	98
45) 2-Nitroaniline	13.940	65	81008	29.309	ng/ul	98
47) Dimethylphthalate	14.298	163	267639	28.807	ng/ul	100
48) 2,6-Dinitrotoluene	14.427	165	57329	29.482	ng/ul	94
50) Acenaphthylene	14.580	152	325987	28.097	ng/ul	98
51) 3-Nitroaniline	14.756	138	58661	29.168	ng/ul	88
52) Acenaphthene	14.921	153	213397	27.971	ng/ul	98
53) 2,4-Dinitrophenol	14.968	184	30432	28.369	ng/ul	91
55) 4-Nitrophenol	15.056	109	44405	28.739	ng/ul	97
56) Dibenzofuran	15.250	168	306907	28.105	ng/ul	98
57) 2,4-Dinitrotoluene	15.215	165	82462	29.714	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.473	232	58301	29.841	ng/ul	96
59) Diethylphthalate	15.649	149	286482	28.807	ng/ul	100
61) Fluorene	15.902	166	244162	28.249	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.884	204	127771	28.389	ng/ul	99
63) 4-Nitroaniline	15.920	138	60758	30.452	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.972	198	47169	28.633	ng/ul#	96
67) N-Nitrosodiphenylamine	16.096	169	220850	28.357	ng/ul	99
68) 4-Bromophenyl-phenylether	16.783	248	80030	28.876	ng/ul	94
69) Hexachlorobenzene	16.901	284	81982	28.773	ng/ul	93
70) Atrazine	17.042	200	90553	27.418	ng/ul	98
71) Pentachlorophenol	17.247	266	35888	27.435	ng/ul	95
72) Phenanthrene	17.641	178	419937	28.235	ng/ul	99
74) Anthracene	17.735	178	415385	27.836	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	100891	26.594	ng/uL	94
76) Pentachlorobenzene	15.173	250	95627	27.204	ng/uL	98
77) Carbazole	18.005	167	391623	29.280	ng/ul	98
78) Di-n-butylphthalate	18.534	149	504947	28.731	ng/ul	99
80) Fluoranthene	19.645	202	509495	28.450	ng/ul	100
82) Pyrene	20.003	202	498010	28.461	ng/ul	99
83) Butylbenzylphthalate	20.867	149	219185	29.129	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.783	252	155625	27.659	ng/ul	97
85) Benzo(a)anthracene	21.877	228	456331	28.531	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.748	149	315148	29.178	ng/ul	98
87) Chrysene	21.948	228	430661	28.187	ng/ul	99
89) Di-n-octyl phthalate	23.017	149	531721	30.106	ng/ul	100
90) Benzo(b)fluoranthene	24.216	252	450490	29.149	ng/ul	99
91) Benzo(k)fluoranthene	24.280	252	431085	29.725	ng/ul	99
93) Benzo(a)pyrene	25.144	252	434652	29.529	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.210	276	483179	29.488	ng/ul	96
95) Dibenzo(a,h)anthracene	29.275	278	410124	29.582	ng/ul	99
96) Benzo(g,h,i)perylene	30.438	276	405058	29.532	ng/ul	97

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