Quantitation Report (QT Reviewed)

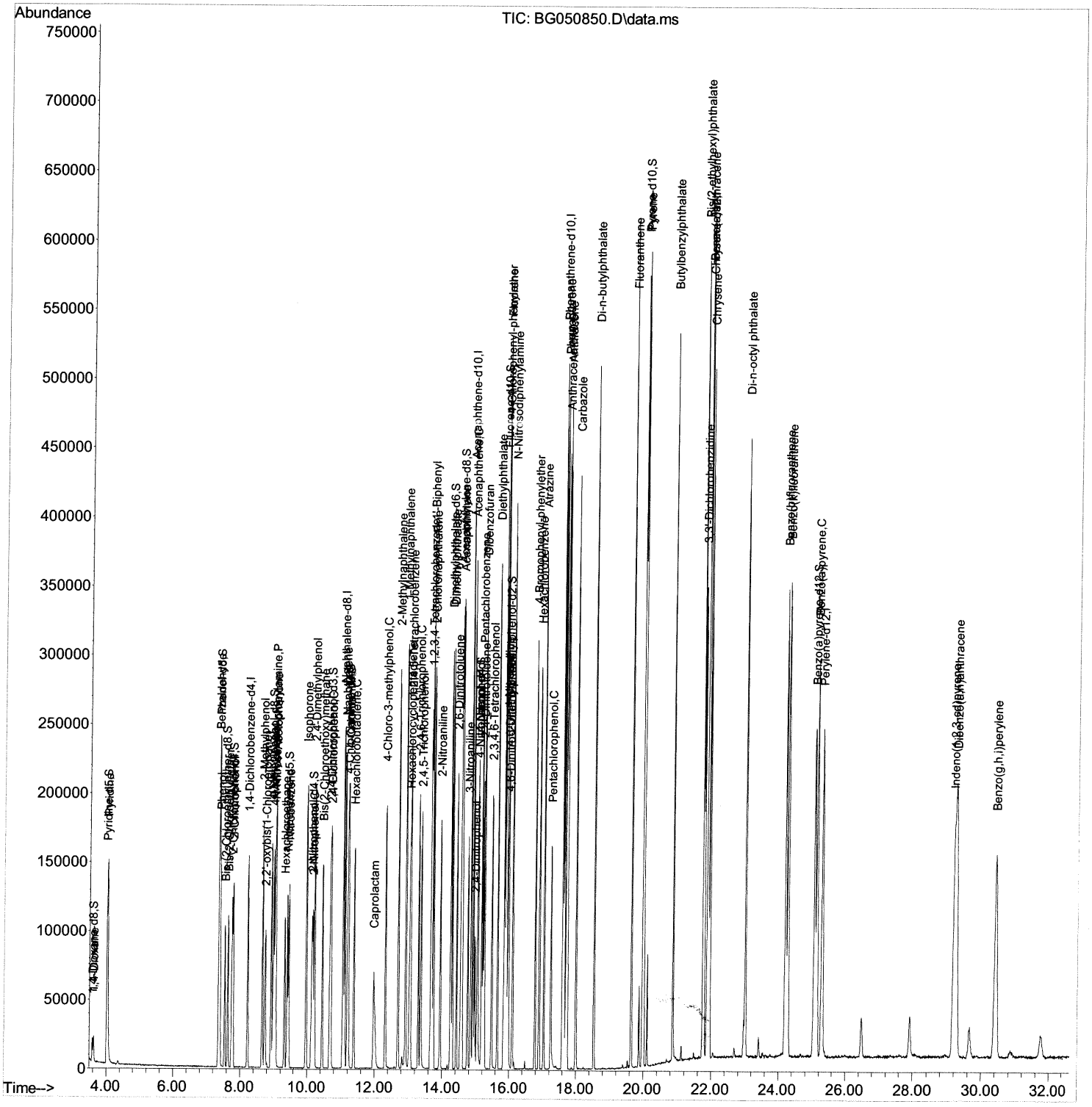
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050850.D
Acq On : 3 Nov 2021 14:53
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 03 16:19:59 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 11/03/2021
Supervised By :mohammad ahmed 11/08/2021



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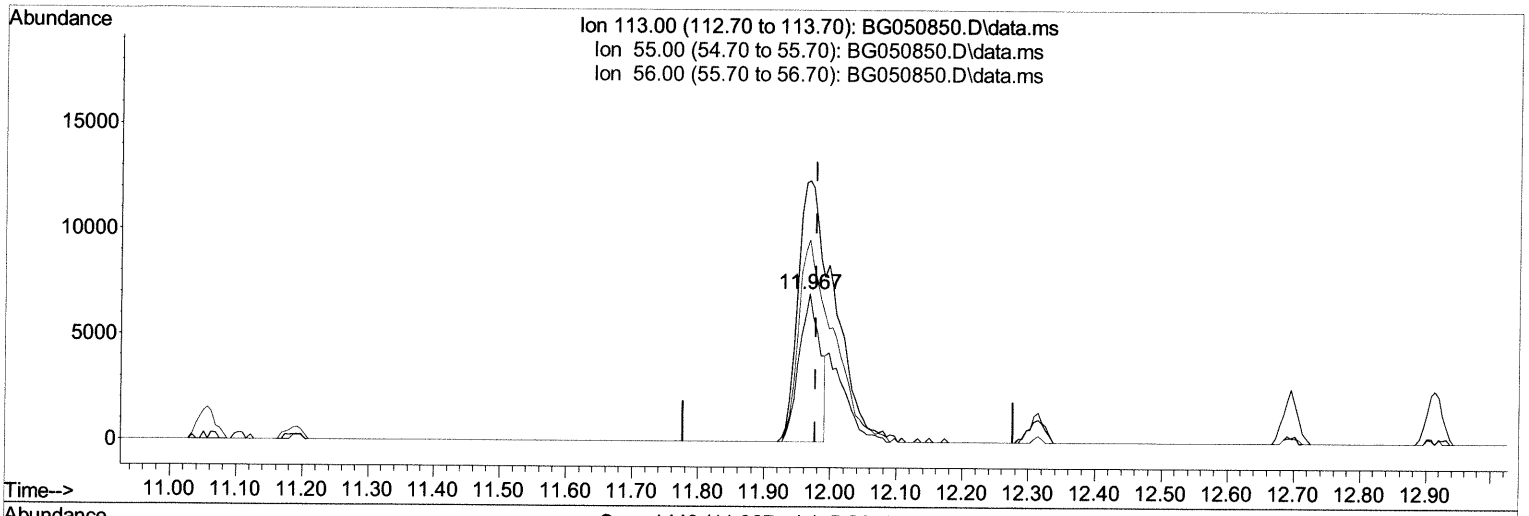

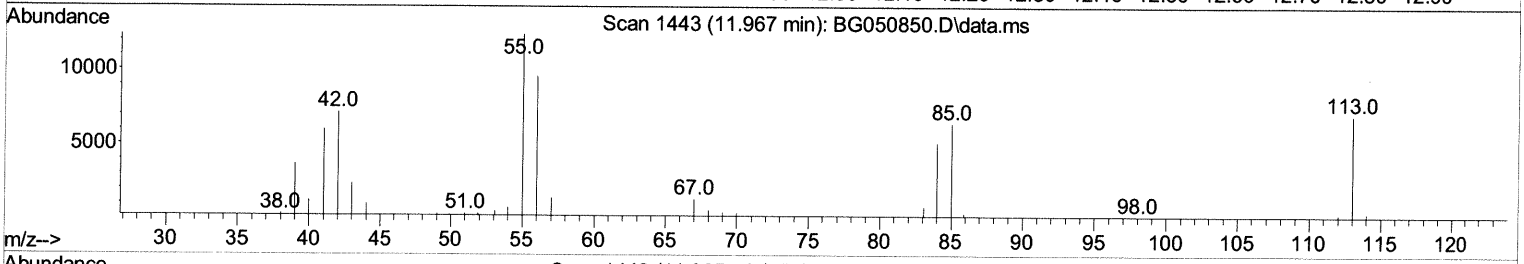

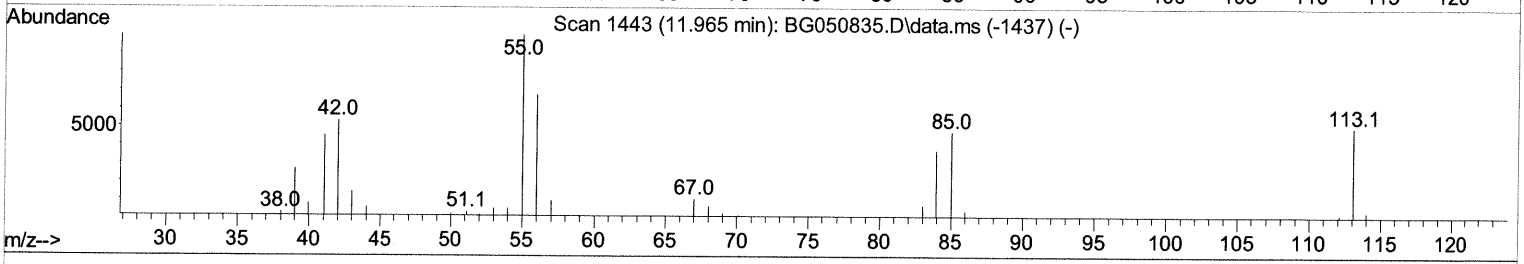

TIC: BG050850.D\data.ms

(34) Caprolactam

11.967min (-0.010) 11.60 ng/ul

response 15613

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.28
56.00	136.50	136.34
0.00	0.00	0.00

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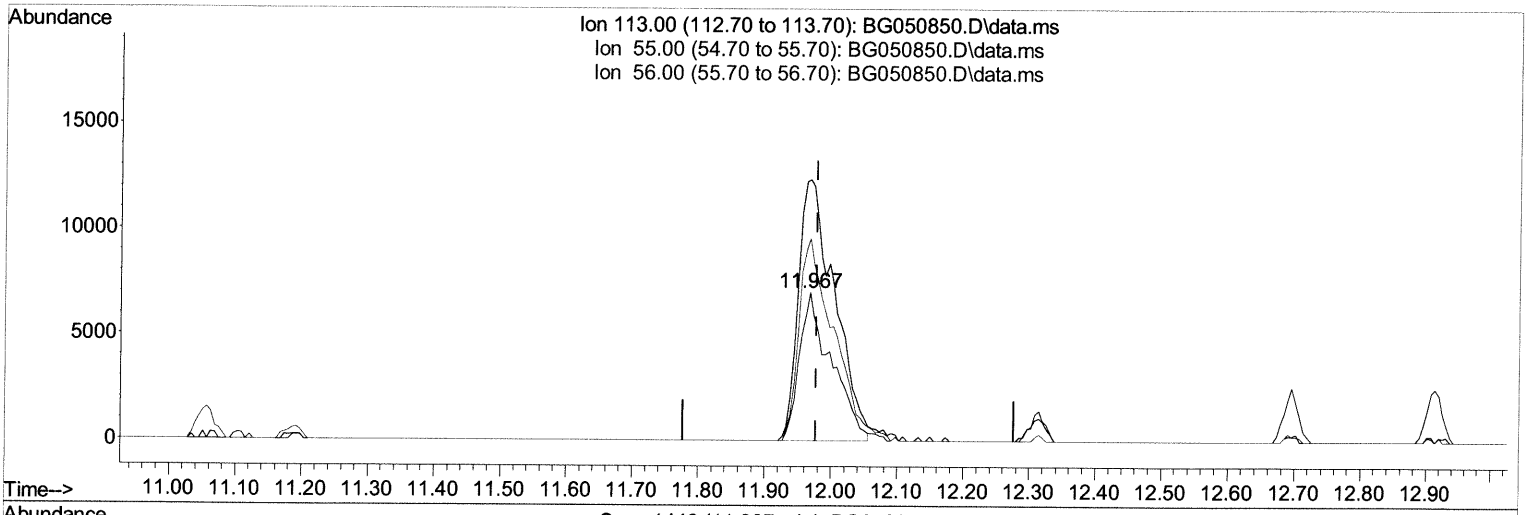

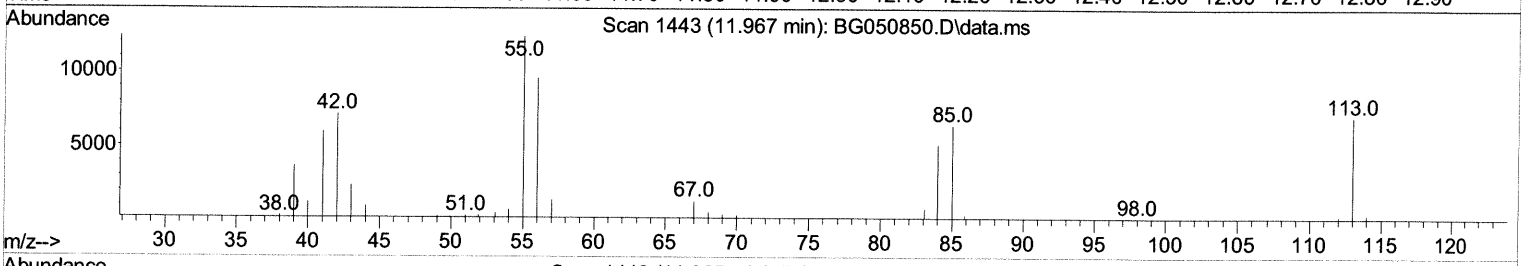

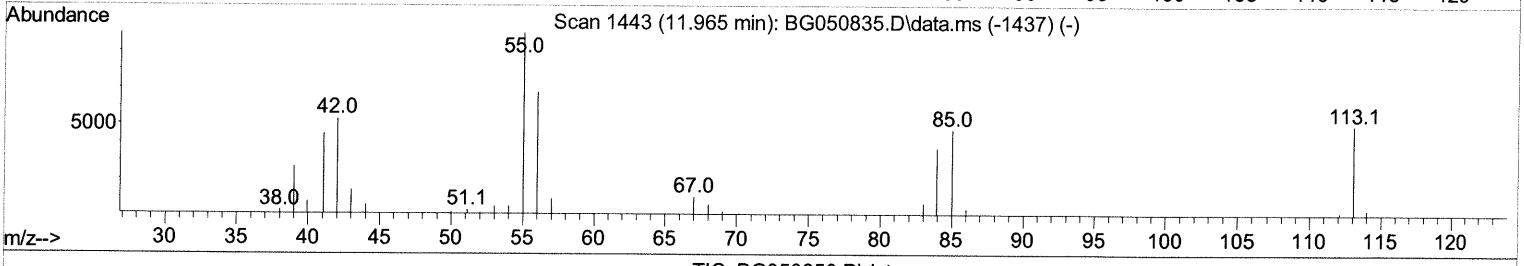

TIC: BG050850.D\data.ms

(34) Caprolactam

11.967min (-0.010) 17.45 ng/ul m 11/13/21 JU

response 23499

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	176.28
56.00	136.50	136.34
0.00	0.00	0.00

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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	8.231	152	40707	20.000	ng/ul	0.00
20) Naphthalene-d8	11.057	136	204269	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.852	164	145550	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.596	188	325295	20.000	ng/ul	0.00
79) Chrysene-d12	21.897	240	268879	20.000	ng/ul	0.00
88) Perylene-d12	25.293	264	232682	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	9400	7.453	ng/uL	0.00
4) Pyridine-d5	4.012	84	68182	18.070	ng/ul	0.00
7) Phenol-d5	7.373	99	77532	17.853	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	51633	18.406	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	55069	18.298	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	61943	18.118	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	29811	17.173	ng/ul	0.00
24) 2-Nitrophenol-d4	10.128	143	33100	17.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.669	165	57120	17.568	ng/ul	0.00
31) 4-Chloroaniline-d4	11.186	131	86792	17.627	ng/ul	0.00
46) Dimethylphthalate-d6	14.247	166	190779	17.133	ng/ul	0.00
49) Acenaphthylene-d8	14.553	160	237013	17.084	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	33561	16.622	ng/ul	0.00
60) Fluorene-d10	15.839	176	168137	17.045	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	32013	16.232	ng/ul	0.00
73) Anthracene-d10	17.696	188	262201	17.049	ng/ul	0.00
81) Pyrene-d10	19.976	212	309491	17.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.064	264	255588	19.870	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	10448	7.542	ng/uL	94
5) Pyridine	4.030	79	72529	18.570	ng/ul	98
6) Benzaldehyde	7.361	77	52095	19.019	ng/ul	92
8) Phenol	7.396	94	82006	18.255	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.637	93	62190	18.495	ng/ul	98
12) 2-Chlorophenol	7.790	128	56176	18.384	ng/ul	96
13) 2-Methylphenol	8.665	108	60041	18.082	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.754	45	97243	18.360	ng/ul	100
16) Acetophenone	9.053	105	98909	18.623	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.030	70	59953	18.710	ng/ul	99
18) 4-Methylphenol	8.989	108	64505	18.245	ng/ul	97
19) Hexachloroethane	9.318	117	22708	17.774	ng/ul	99
22) Nitrobenzene	9.447	77	84270	17.406	ng/ul	97
23) Isophorone	9.964	82	165921	17.659	ng/ul	100
25) 2-Nitrophenol	10.164	139	34620	17.878	ng/ul	93
26) 2,4-Dimethylphenol	10.205	107	73257	17.190	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.440	93	90049	17.787	ng/ul	97
29) 2,4-Dichlorophenol	10.698	162	57276	18.060	ng/ul	98
30) Naphthalene	11.110	128	192149	17.202	ng/ul	98
32) 4-Chloroaniline	11.209	127	85668	17.522	ng/ul	100
33) Hexachlorobutadiene	11.380	225	35938	17.265	ng/ul	99
34) Caprolactam	11.967	113	23499m	17.453	ng/ul	11/13/21 JU
35) 4-Chloro-3-methylphenol	12.314	107	70502	17.402	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.696	142	131271	17.251	ng/ul	96
37) 1-Methylnaphthalene	12.913	142	138017	17.900	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.054	216	69760	16.449	ng/ul#	93
40) Hexachlorocyclopentadiene	13.031	237	40687	19.978	ng/ul	95
41) 2,4,6-Trichlorophenol	13.289	196	48088	17.328	ng/ul	99
42) 2,4,5-Trichlorophenol	13.372	196	50079	16.809	ng/ul	94
43) 1,1'-Biphenyl	13.689	154	179864	16.907	ng/ul	98
44) 2-Chloronaphthalene	13.736	162	140751	16.883	ng/ul	97
45) 2-Nitroaniline	13.936	65	55286	16.691	ng/ul	96
47) Dimethylphthalate	14.294	163	189644	17.032	ng/ul	100
48) 2,6-Dinitrotoluene	14.423	165	40080	17.199	ng/ul	100
50) Acenaphthylene	14.582	152	237240	17.062	ng/ul	99
51) 3-Nitroaniline	14.758	138	40270	16.708	ng/ul	97
52) Acenaphthene	14.917	153	154279	16.874	ng/ul	97
53) 2,4-Dinitrophenol	14.964	184	22059	17.159	ng/ul	90
55) 4-Nitrophenol	15.052	109	29881	16.137	ng/ul	97
56) Dibenzofuran	15.252	168	221585	16.932	ng/ul	99
57) 2,4-Dinitrotoluene	15.211	165	57358	17.246	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.475	232	40219	17.178	ng/ul	95
59) Diethylphthalate	15.645	149	203972	17.114	ng/ul	99
61) Fluorene	15.898	166	174589	16.855	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.880	204	92336	17.119	ng/ul	96
63) 4-Nitroaniline	15.916	138	39692	16.600	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.974	198	31174	16.209	ng/ul	95
67) N-Nitrosodiphenylamine	16.098	169	157316	17.301	ng/ul	99
68) 4-Bromophenyl-phenylether	16.779	248	55866	17.265	ng/ul	93
69) Hexachlorobenzene	16.897	284	56602	17.015	ng/ul	96
70) Atrazine	17.032	200	66078	17.137	ng/ul	97
71) Pentachlorophenol	17.244	266	30473	19.953	ng/ul	97
72) Phenanthrene	17.643	178	295866	17.039	ng/ul	99
74) Anthracene	17.731	178	298323	17.123	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	75581	17.064	ng/uL	97
76) Pentachlorobenzene	15.170	250	69570	16.952	ng/uL	99
77) Carbazole	18.002	167	279124	17.875	ng/ul	99
78) Di-n-butylphthalate	18.536	149	357852	17.440	ng/ul	99
80) Fluoranthene	19.641	202	365001	17.513	ng/ul	100
82) Pyrene	20.005	202	359388	17.648	ng/ul	99
83) Butylbenzylphthalate	20.869	149	156491	17.870	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.779	252	115077	17.574	ng/ul	97
85) Benzo(a)anthracene	21.873	228	333168	17.899	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.744	149	226159	17.992	ng/ul	97
87) Chrysene	21.944	228	317492	17.855	ng/ul	100
89) Di-n-octyl phthalate	23.013	149	386031	20.378	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	330736	19.953	ng/ul	99
91) Benzo(k)fluoranthene	24.276	252	311178	20.006	ng/ul	100
93) Benzo(a)pyrene	25.134	252	316051	20.019	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.194	276	351801	20.018	ng/ul	99
95) Dibenzo(a,h)anthracene	29.265	278	301154	20.252	ng/ul	98
96) Benzo(g,h,i)perylene	30.428	276	291285	19.800	ng/ul	95

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