Quantitation Report (QT Reviewed)

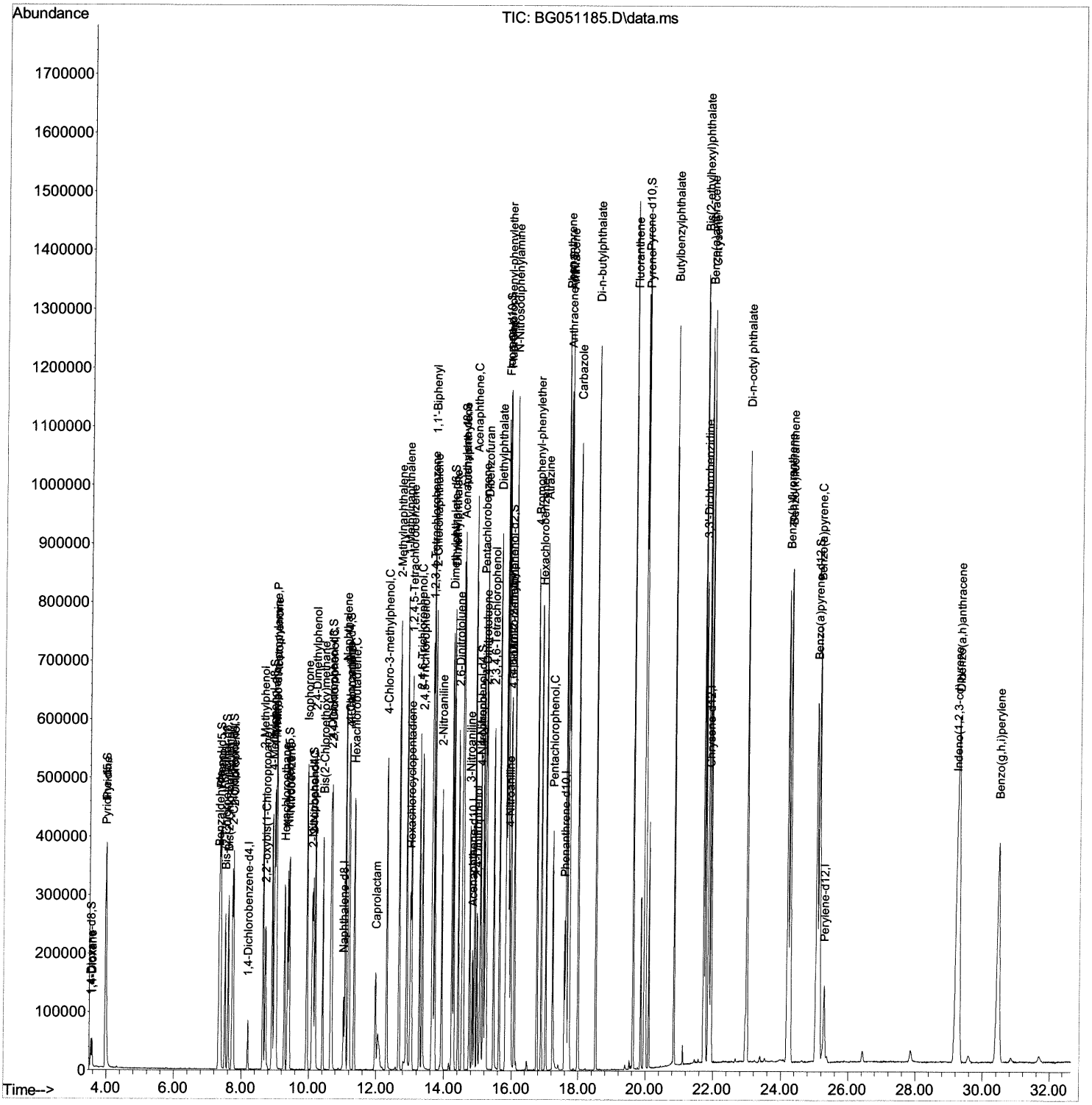
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051185.D
Acq On : 23 Nov 2021 13:37
Operator : CG/JU
Sample : SSTD08023
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 14:56:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 23 13:54:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080424

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/30/2021



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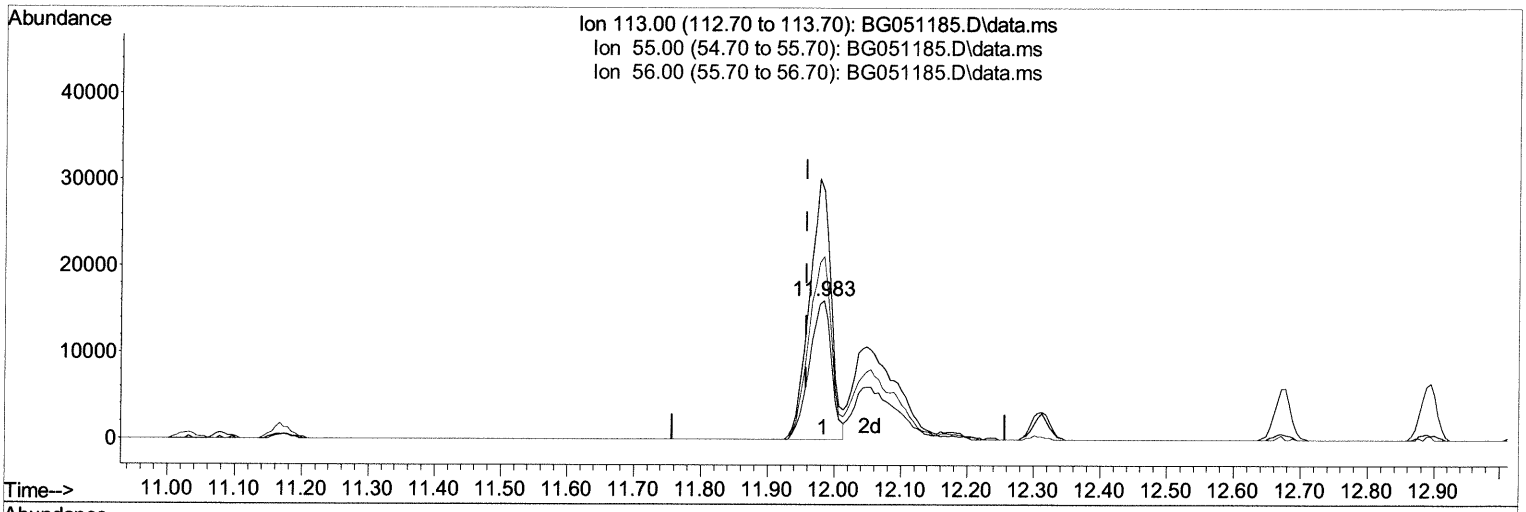

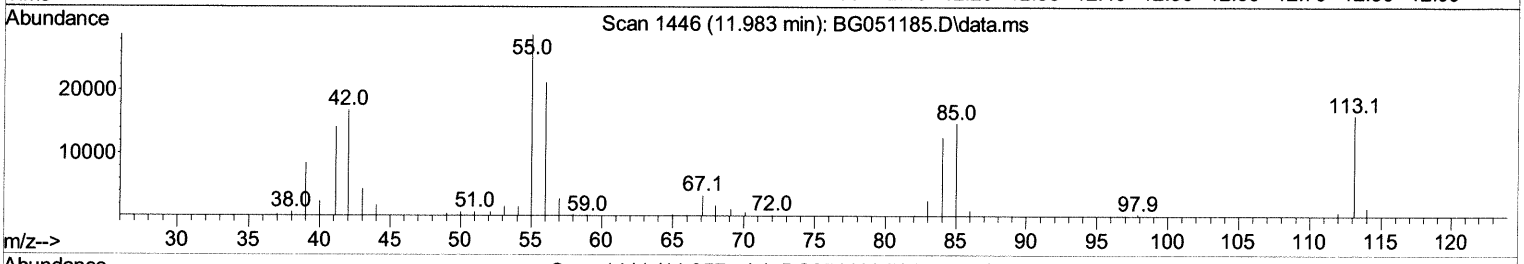

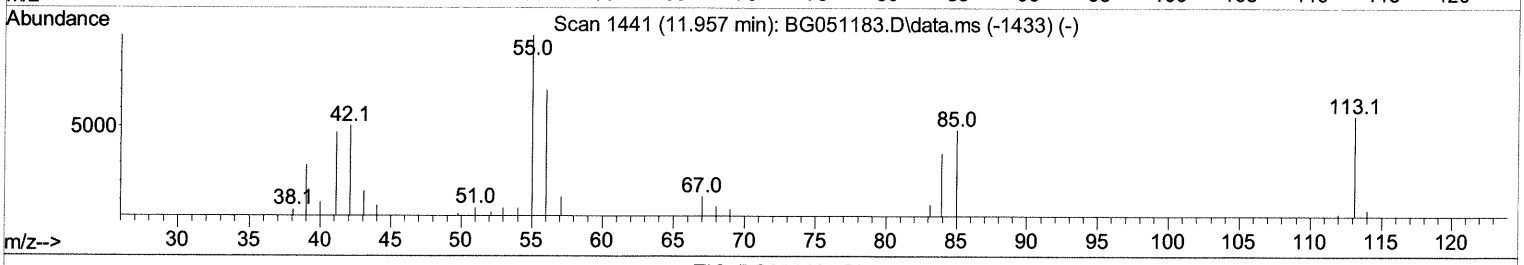

TIC: BG051185.D\data.ms

(34) Caprolactam

11.983min (+ 0.026) 51.79 ng/ul

response 37043

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	179.26
56.00	136.50	131.85
0.00	0.00	0.00

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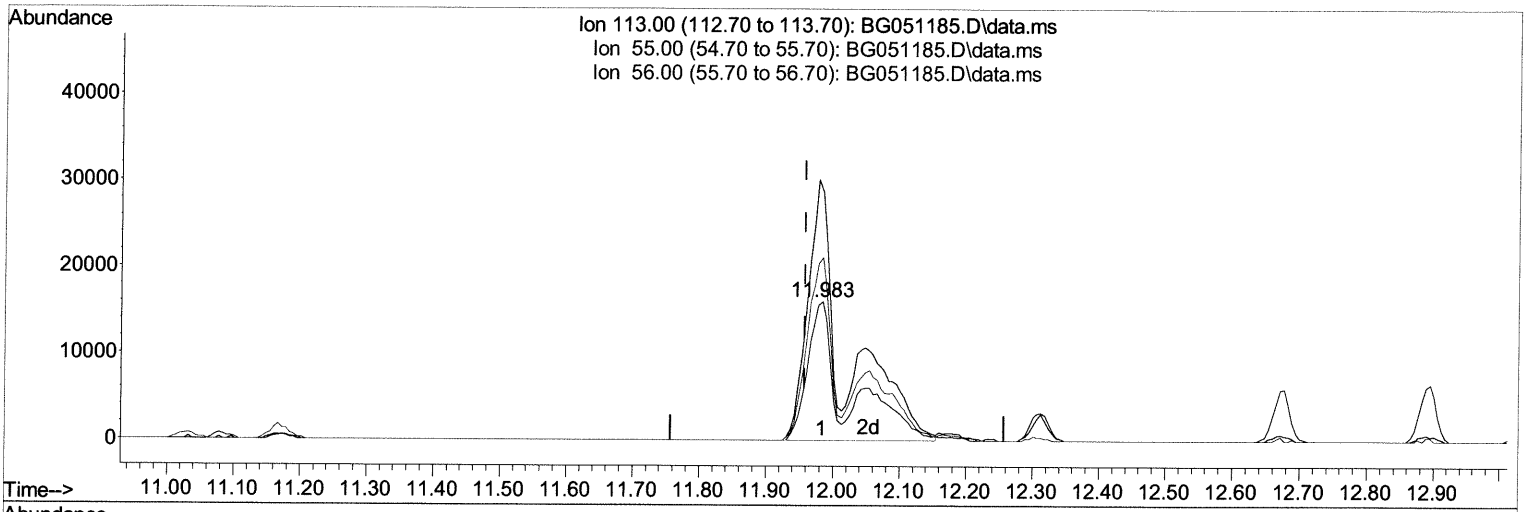

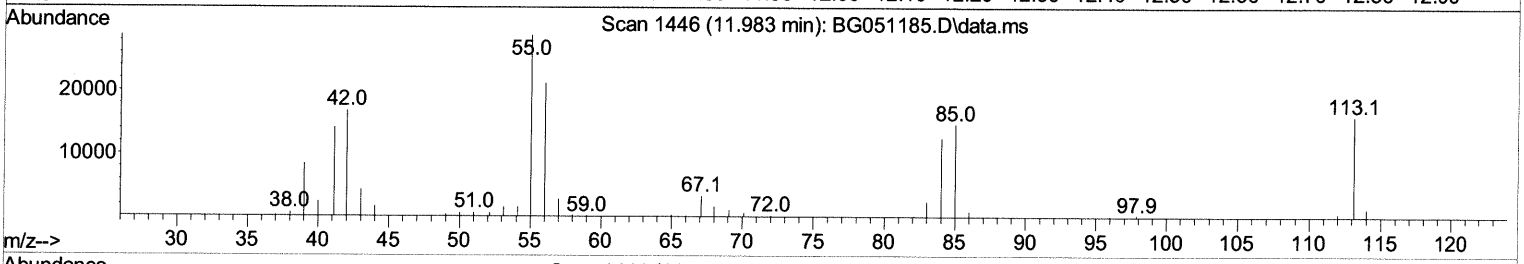

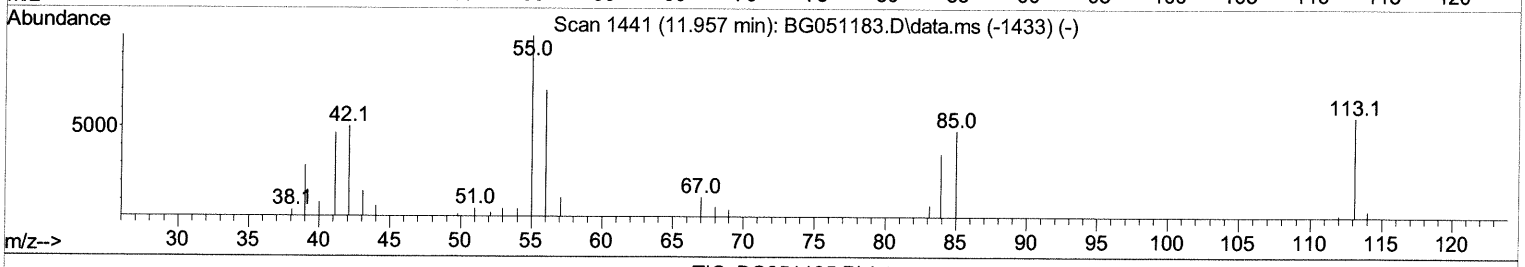

TIC: BG051185.D\data.ms

(34) Caprolactam

11.983min (+ 0.026) 89.26 ng/ul m 11/24/21 JU

response 63844

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	179.26
56.00	136.50	131.85
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	8.200	152	23338	20.000	ng/ul	0.00
20) Naphthalene-d8	11.032	136	108519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	72994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	164888	20.000	ng/ul	0.00
79) Chrysene-d12	21.889	240	138377	20.000	ng/ul	0.00
88) Perylene-d12	25.291	264	142201	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	25263	34.938	ng/uL	0.00
4) Pyridine-d5	3.969	84	185424	85.718	ng/ul	0.00
7) Phenol-d5	7.359	99	220744	88.661	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.518	67	135082	83.990	ng/ul	0.00
11) 2-Chlorophenol-d4	7.736	132	160103	92.788	ng/ul	0.00
15) 4-Methylphenol-d8	8.922	113	176167	89.878	ng/ul	0.00
21) Nitrobenzene-d5	9.381	128	85590	92.810	ng/ul	0.00
24) 2-Nitrophenol-d4	10.109	143	100372	97.885	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	170391	98.646	ng/ul	0.00
31) 4-Chloroaniline-d4	11.173	131	240297	91.864	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	513976	92.036	ng/ul	0.00
49) Acenaphthylene-d8	14.533	160	646323	92.894	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	88997	87.893	ng/ul	0.00
60) Fluorene-d10	15.826	176	456600	92.297	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	100972	101.005	ng/ul	0.00
73) Anthracene-d10	17.689	188	688210	88.281	ng/ul	0.00
81) Pyrene-d10	19.962	212	772058	86.383	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.062	264	714320	90.868	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.576	88	25775	32.454	ng/uL	98
5) Pyridine	3.987	79	192847	86.123	ng/ul	98
6) Benzaldehyde	7.336	77	104652	66.642	ng/ul	91
8) Phenol	7.389	94	225686	87.627	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.612	93	168507	87.408	ng/ul	98
12) 2-Chlorophenol	7.765	128	160640	91.694	ng/ul	96
13) 2-Methylphenol	8.646	108	171419	90.046	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.723	45	241157	79.419	ng/ul	98
16) Acetophenone	9.034	105	266898	87.655	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.016	70	156516	85.196	ng/ul	97
18) 4-Methylphenol	8.987	108	180278	88.941	ng/ul	96
19) Hexachloroethane	9.287	117	66242	90.435	ng/ul	96
22) Nitrobenzene	9.428	77	223690	86.971	ng/ul	96
23) Isophorone	9.951	82	436176	87.380	ng/ul	98
25) 2-Nitrophenol	10.139	139	99948	97.156	ng/ul	98
26) 2,4-Dimethylphenol	10.191	107	203205	89.752	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.421	93	240165	89.295	ng/ul	99
29) 2,4-Dichlorophenol	10.679	162	161088	95.609	ng/ul	97
30) Naphthalene	11.085	128	532424	89.723	ng/ul	99
32) 4-Chloroaniline	11.196	127	240157	92.461	ng/ul	100
33) Hexachlorobutadiene	11.349	225	107417	97.136	ng/ul	99
34) Caprolactam	11.983	113	63844m >	89.256	ng/ul >	11/29/21 JU
35) 4-Chloro-3-methylphenol	12.312	107	198705	92.321	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.671	142	366858	90.747	ng/ul	100
37) 1-Methylnaphthalene	12.894	142	374429	91.407	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.035	216	214150	100.688	ng/ul	97
40) Hexachlorocyclopentadiene	13.006	237	86836	85.021	ng/ul	99
41) 2,4,6-Trichlorophenol	13.276	196	142622	102.479	ng/ul	98
42) 2,4,5-Trichlorophenol	13.358	196	148380	99.307	ng/ul	98
43) 1,1'-Biphenyl	13.670	154	490289	91.894	ng/ul	99
44) 2-Chloronaphthalene	13.723	162	390501	93.399	ng/ul	98
45) 2-Nitroaniline	13.928	65	147304	88.677	ng/ul	90
47) Dimethylphthalate	14.281	163	507671	90.917	ng/ul	100
48) 2,6-Dinitrotoluene	14.416	165	115490	98.819	ng/ul	91
50) Acenaphthylene	14.563	152	619326	88.816	ng/ul	99
51) 3-Nitroaniline	14.751	138	102810	85.056	ng/ul	95
52) Acenaphthene	14.898	153	420979	91.813	ng/ul	96
53) 2,4-Dinitrophenol	14.968	184	64411	99.905	ng/ul	88
55) 4-Nitrophenol	15.074	109	77875	83.860	ng/ul	93
56) Dibenzofuran	15.233	168	587184	89.467	ng/ul	97
57) 2,4-Dinitrotoluene	15.209	165	162036	97.150	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.462	232	123011	104.761	ng/ul	96
59) Diethylphthalate	15.632	149	535227	89.547	ng/ul	97
61) Fluorene	15.885	166	472137	90.888	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.867	204	256295	94.748	ng/ul	95
63) 4-Nitroaniline	15.920	138	98117	81.823	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	96678	99.168	ng/ul	95
67) N-Nitrosodiphenylamine	16.085	169	427250	92.699	ng/ul	99
68) 4-Bromophenyl-phenylether	16.760	248	165781	101.075	ng/ul	93
69) Hexachlorobenzene	16.889	284	167706	99.459	ng/ul	96
70) Atrazine	17.030	200	181173	92.695	ng/ul	99
71) Pentachlorophenol	17.236	266	81388	105.133	ng/ul	96
72) Phenanthrene	17.630	178	801968	91.116	ng/ul	98
74) Anthracene	17.724	178	779196	88.232	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	228354	101.712	ng/uL	97
76) Pentachlorobenzene	15.156	250	209576	100.746	ng/uL	99
77) Carbazole	17.994	167	710039	89.703	ng/ul	98
78) Di-n-butylphthalate	18.517	149	892715	85.830	ng/ul	99
80) Fluoranthene	19.633	202	946643	88.256	ng/ul	97
82) Pyrene	19.998	202	895658	85.459	ng/ul	97
83) Butylbenzylphthalate	20.855	149	397713	88.247	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.772	252	293200	87.004	ng/ul	99
85) Benzo(a)anthracene	21.872	228	856666	89.425	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.725	149	562931	87.017	ng/ul	98
87) Chrysene	21.936	228	822637	89.893	ng/ul	97
89) Di-n-octyl phthalate	22.994	149	953941	82.401	ng/ul	100
90) Benzo(b)fluoranthene	24.210	252	886111	87.471	ng/ul	98
91) Benzo(k)fluoranthene	24.281	252	825309	86.820	ng/ul	98
93) Benzo(a)pyrene	25.145	252	845424	87.624	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.222	276	972330	90.530	ng/ul	98
95) Dibenzo(a,h)anthracene	29.287	278	810855	89.225	ng/ul	98
96) Benzo(g,h,i)perylene	30.468	276	810492	90.149	ng/ul	96

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