Quantitation Report (QT Reviewed)

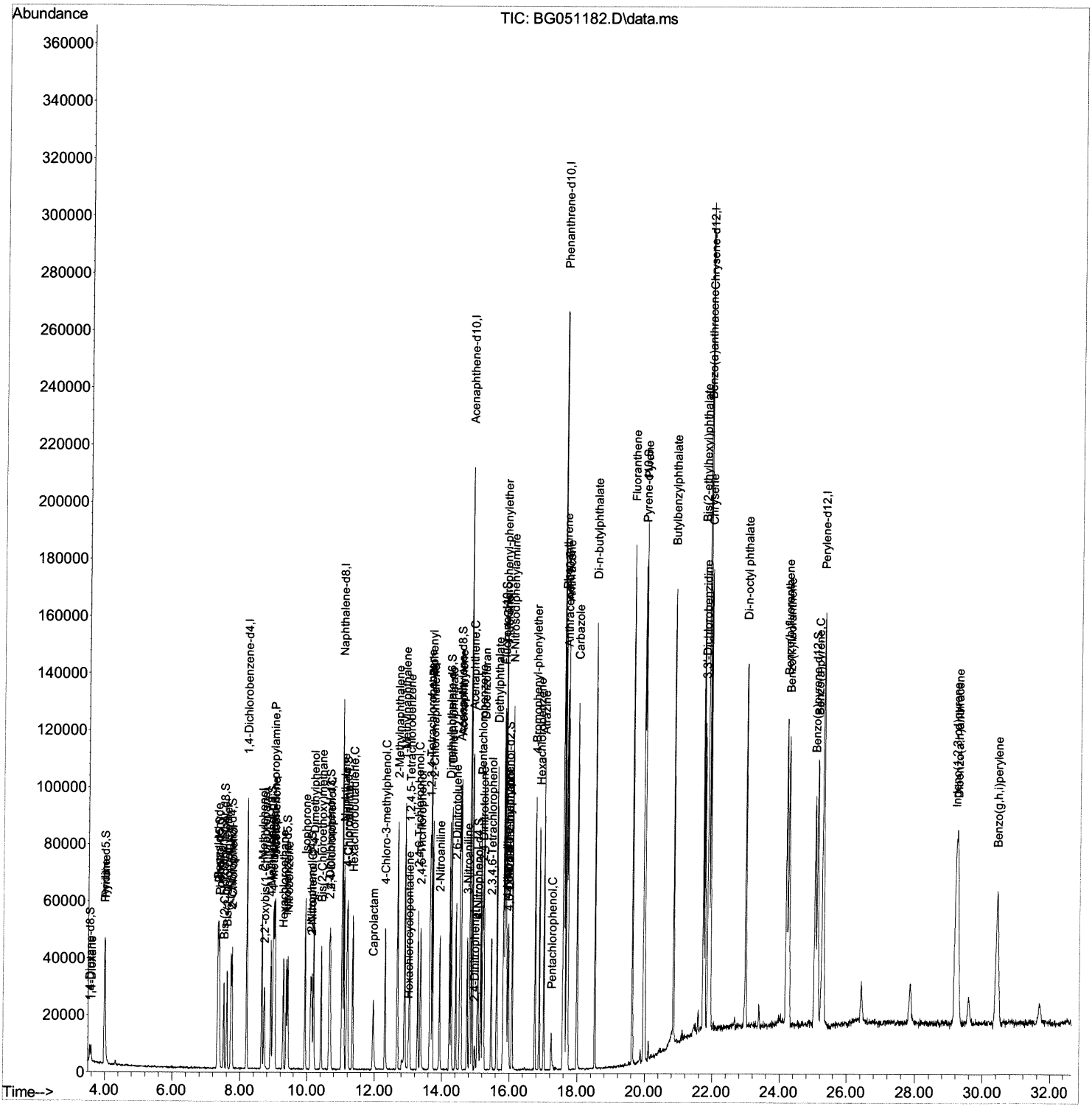
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051182.D
Acq On : 23 Nov 2021 11:34
Operator : CG/JU
Sample : SSTD01020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 13:56:49 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 :
SSTD010421

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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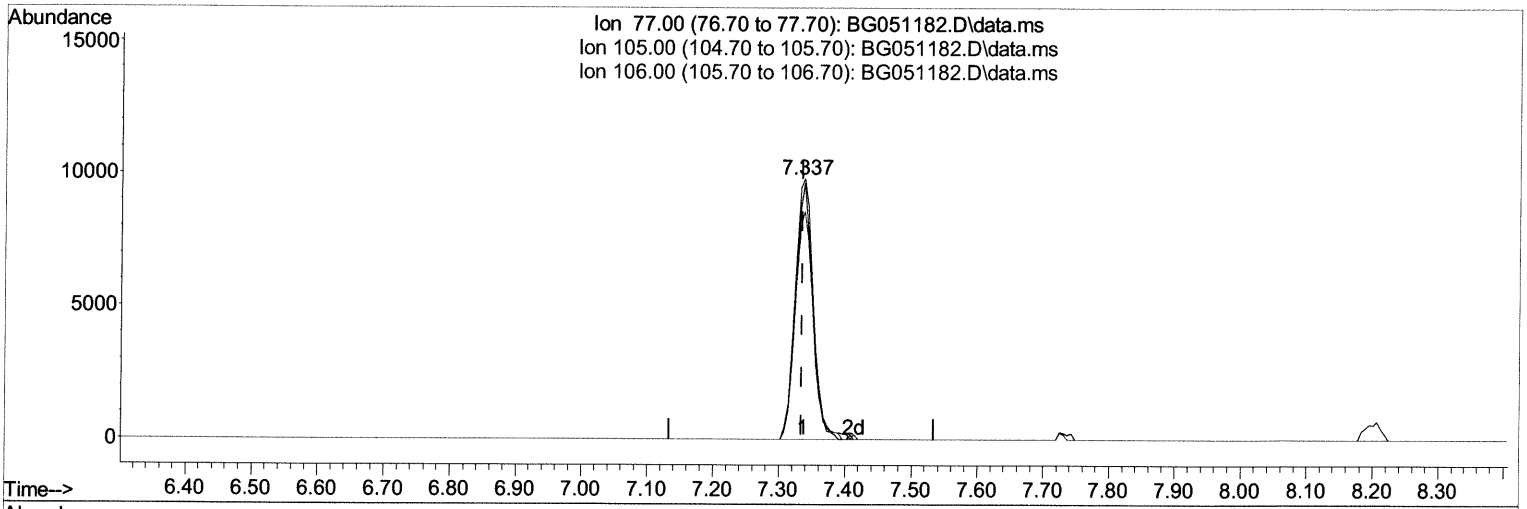

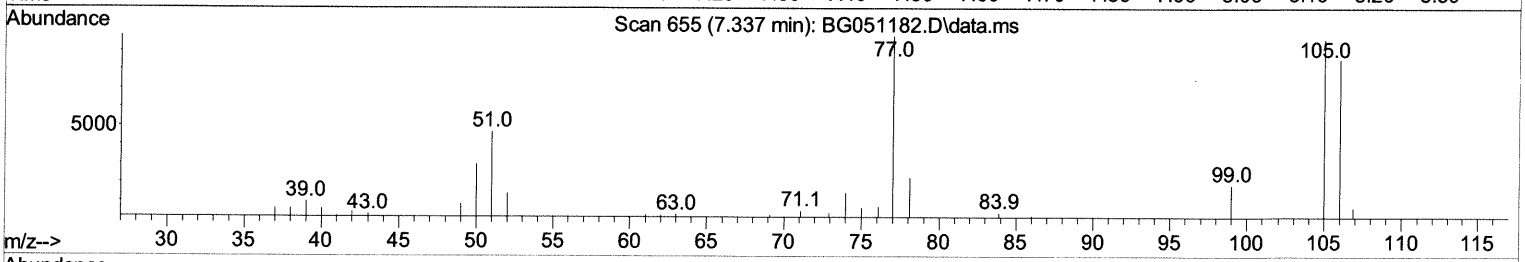

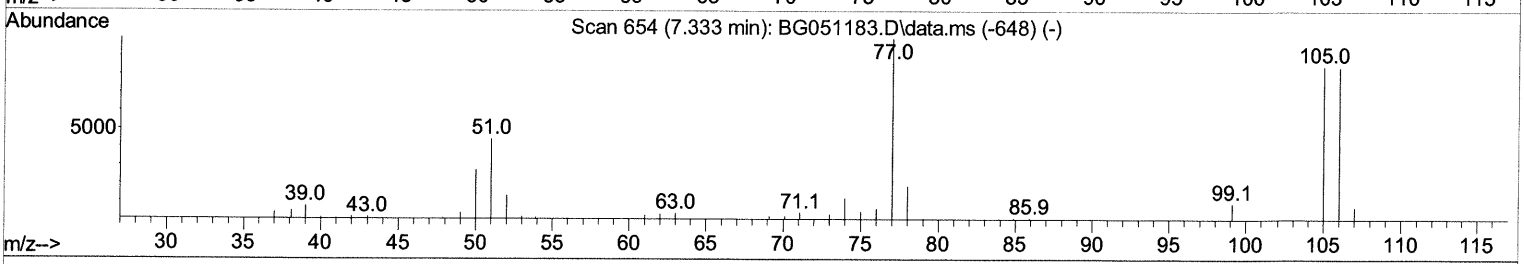

TIC: BG051182.D\data.ms

(6) Benzaldehyde

7.337min (+ 0.004) 10.49 ng/ul

response 18925

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	98.47
106.00	76.50	87.57
0.00	0.00	0.00

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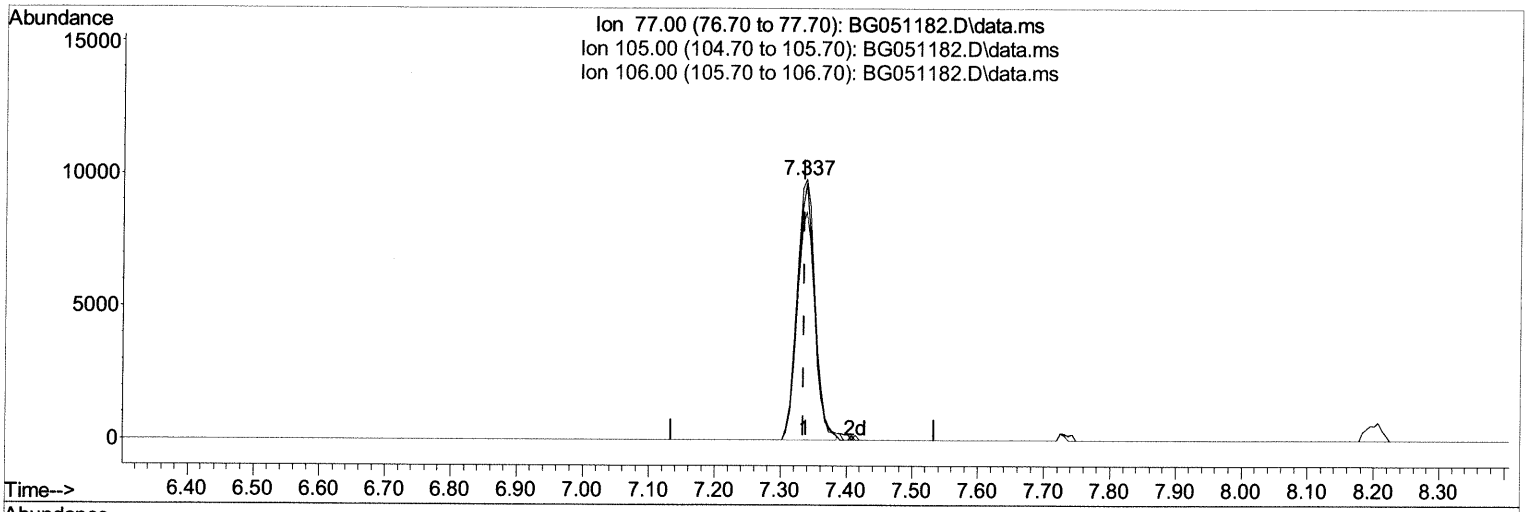

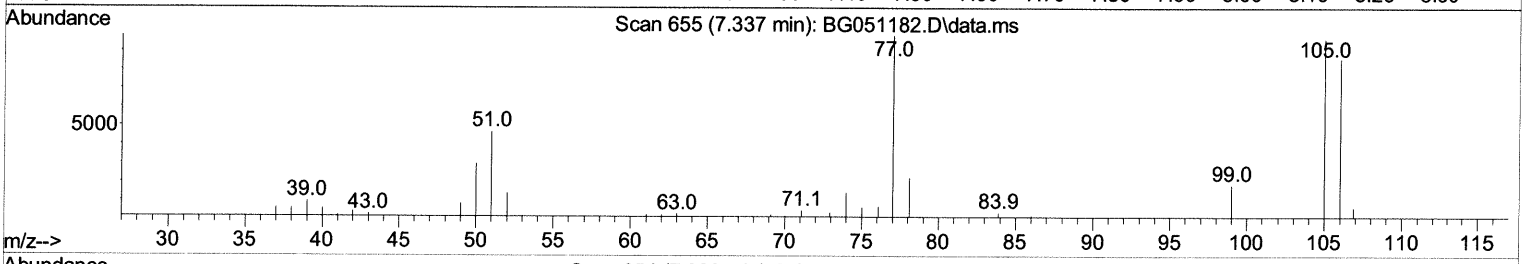

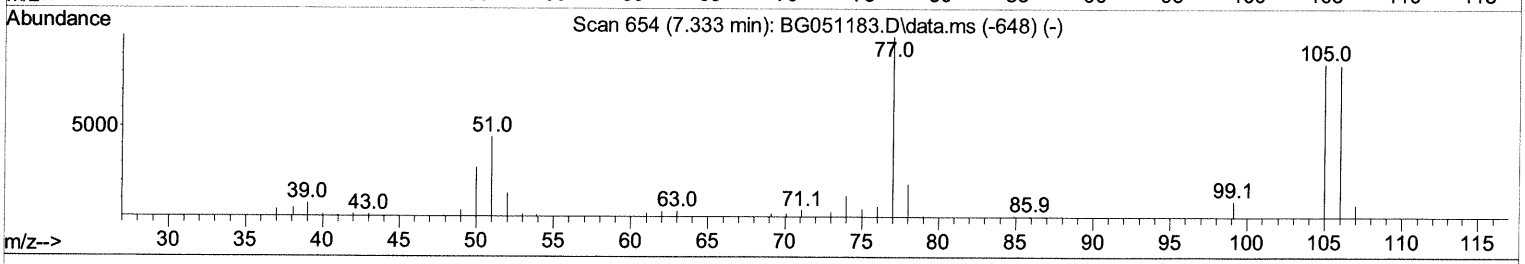

TIC: BG051182.D\data.ms

(6) Benzaldehyde

7.337min (+ 0.004) 10.37 ng/ul m 11/24/21 JU

response 18712

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	98.47
106.00	76.50	87.57
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	8.201	152	26812	20.000	ng/ul	0.00
20) Naphthalene-d8	11.027	136	114108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	77147	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.584	188	173577	20.000	ng/ul	0.00
79) Chrysene-d12	21.885	240	162381	20.000	ng/ul	0.00
88) Perylene-d12	25.281	264	162176	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	3429	4.128	ng/uL	0.00
4) Pyridine-d5	3.982	84	21652	8.712	ng/ul	0.00
7) Phenol-d5	7.361	99	24644	8.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	15682	8.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.731	132	18269	9.216	ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	18612	8.265	ng/ul	0.00
21) Nitrobenzene-d5	9.376	128	9283	9.573	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	10856	10.068	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	17695	9.743	ng/ul	0.00
31) 4-Chloroaniline-d4	11.168	131	25697	9.343	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	58080	9.840	ng/ul	0.00
49) Acenaphthylene-d8	14.529	160	75160	10.221	ng/ul	0.00
54) 4-Nitrophenol-d4	15.052	143	7642	7.141	ng/ul	0.00
60) Fluorene-d10	15.821	176	52434	10.028	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	8905	8.462	ng/ul	0.00
73) Anthracene-d10	17.678	188	84194	10.259	ng/ul	0.00
81) Pyrene-d10	19.958	212	98446	9.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.046	264	85488	9.535	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.589	88	3997	4.381	ng/uL	95
5) Pyridine	4.000	79	23393	9.093	ng/ul	95
6) Benzaldehyde	7.337	77	18712m	> 10.372	ng/ul	> 11/24/21 JU
8) Phenol	7.384	94	26404	8.924	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.607	93	20613	9.307	ng/ul	96
12) 2-Chlorophenol	7.766	128	19236	9.557	ng/ul	93
13) 2-Methylphenol	8.647	108	18371	8.400	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.724	45	29241	8.382	ng/ul	100
16) Acetophenone	9.029	105	31931	9.128	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.000	70	17942	8.501	ng/ul	98
18) 4-Methylphenol	8.976	108	20446	8.780	ng/ul	95
19) Hexachloroethane	9.282	117	8149	9.684	ng/ul	99
22) Nitrobenzene	9.423	77	26001	9.614	ng/ul	97
23) Isophorone	9.934	82	48685	9.276	ng/ul	100
25) 2-Nitrophenol	10.140	139	11340	10.483	ng/ul	95
26) 2,4-Dimethylphenol	10.187	107	23109	9.707	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.416	93	27464	9.711	ng/ul	100
29) 2,4-Dichlorophenol	10.680	162	17848	10.074	ng/ul	99
30) Naphthalene	11.080	128	63346	10.152	ng/ul	96
32) 4-Chloroaniline	11.191	127	26580	9.732	ng/ul	96
33) Hexachlorobutadiene	11.344	225	12471	10.725	ng/ul	94
34) Caprolactam	11.955	113	6346	8.437	ng/ul	89
35) 4-Chloro-3-methylphenol	12.302	107	21899	9.676	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.672	142	41698	9.809	ng/ul	97
37) 1-Methylnaphthalene	12.889	142	41913	9.731	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.036	216	24255	10.790	ng/ul	95
40) Hexachlorocyclopentadiene	13.001	237	2841	2.632	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.277	196	14371	9.770	ng/ul	99
42) 2,4,5-Trichlorophenol	13.360	196	15633	9.900	ng/ul	93
43) 1,1'-Biphenyl	13.665	154	59013	10.465	ng/ul	98
44) 2-Chloronaphthalene	13.718	162	46365	10.492	ng/ul	99
45) 2-Nitroaniline	13.924	65	14978	8.531	ng/ul	91
47) Dimethylphthalate	14.270	163	58366	9.890	ng/ul	98
48) 2,6-Dinitrotoluene	14.405	165	11637	9.421	ng/ul	94
50) Acenaphthylene	14.558	152	73961	10.036	ng/ul	98
51) 3-Nitroaniline	14.746	138	12297	9.626	ng/ul	92
52) Acenaphthene	14.899	153	48521	10.012	ng/ul	97
53) 2,4-Dinitrophenol	14.969	184	2650	3.889	ng/ul	87
55) 4-Nitrophenol	15.063	109	6676	6.802	ng/ul	93
56) Dibenzofuran	15.228	168	69849	10.070	ng/ul	100
57) 2,4-Dinitrotoluene	15.199	165	17326	9.829	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.463	232	11239	9.056	ng/ul#	89
59) Diethylphthalate	15.627	149	62002	9.815	ng/ul	100
61) Fluorene	15.880	166	56901	10.364	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.862	204	29718	10.395	ng/ul	95
63) 4-Nitroaniline	15.909	138	13315	10.506	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.968	198	8686	8.464	ng/ul#	96
67) N-Nitrosodiphenylamine	16.074	169	50823	10.475	ng/ul	97
68) 4-Bromophenyl-phenylether	16.756	248	18601	10.773	ng/ul	93
69) Hexachlorobenzene	16.885	284	18556	10.454	ng/ul#	90
70) Atrazine	17.020	200	21077	10.244	ng/ul	98
71) Pentachlorophenol	17.243	266	4025	4.939	ng/ul	89
72) Phenanthrene	17.625	178	96319	10.395	ng/ul	100
74) Anthracene	17.713	178	99519	10.705	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.636	216	25368	10.734	ng/uL	94
76) Pentachlorobenzene	15.146	250	23603	10.778	ng/uL	99
77) Carbazole	17.989	167	86547	10.387	ng/ul	99
78) Di-n-butylphthalate	18.512	149	110814	10.121	ng/ul	99
80) Fluoranthene	19.629	202	119487	9.493	ng/ul	97
82) Pyrene	19.987	202	121379	9.869	ng/ul	96
83) Butylbenzylphthalate	20.851	149	48028	9.081	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.767	252	40892	10.341	ng/ul	99
85) Benzo(a)anthracene	21.861	228	111962	9.960	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.726	149	69188	9.114	ng/ul#	99
87) Chrysene	21.932	228	107297	9.992	ng/ul	98
89) Di-n-octyl phthalate	22.989	149	118162	8.950	ng/ul	100
90) Benzo(b)fluoranthene	24.194	252	111021	9.609	ng/ul	98
91) Benzo(k)fluoranthene	24.264	252	102373	9.443	ng/ul	98
93) Benzo(a)pyrene	25.116	252	104977	9.540	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.194	276	115783	9.452	ng/ul	98
95) Dibenzo(a,h)anthracene	29.241	278	98141	9.469	ng/ul	95
96) Benzo(g,h,i)perylene	30.416	276	96330	9.395	ng/ul	96

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