Quantitation Report (QT Reviewed)

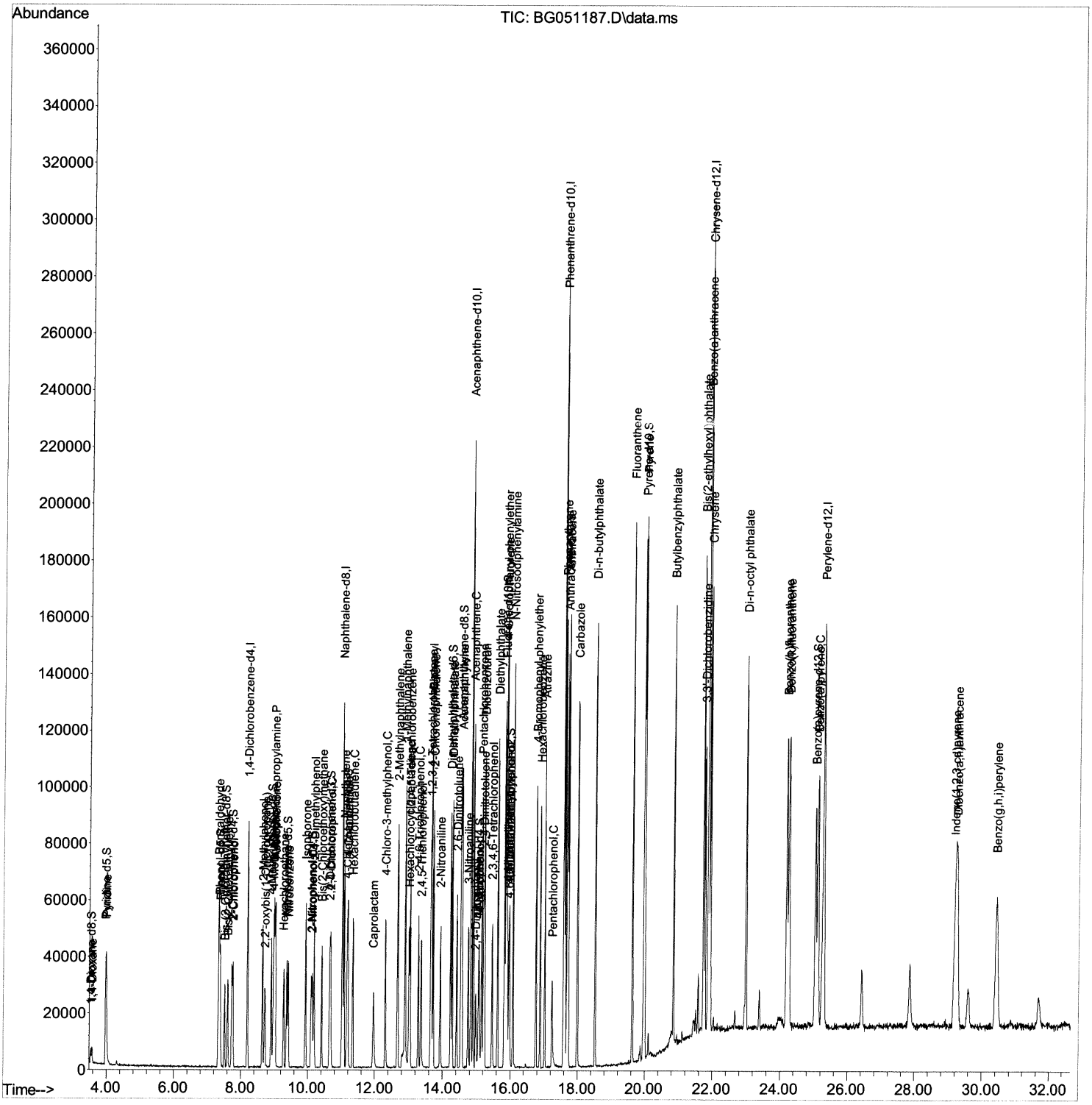
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051187.D
Acq On : 23 Nov 2021 15:58
Operator : CG/JU
Sample : SSTD01020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 23 16:42:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 23 15:29:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010426

Manual IntegrationsAPPROVED

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



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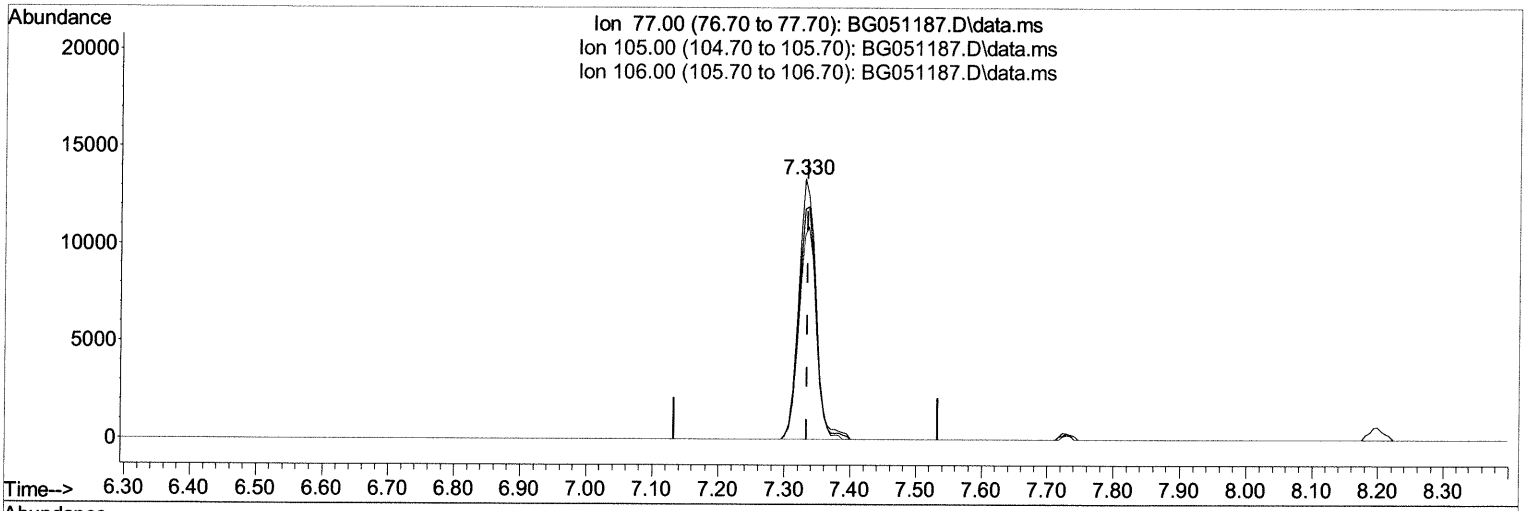

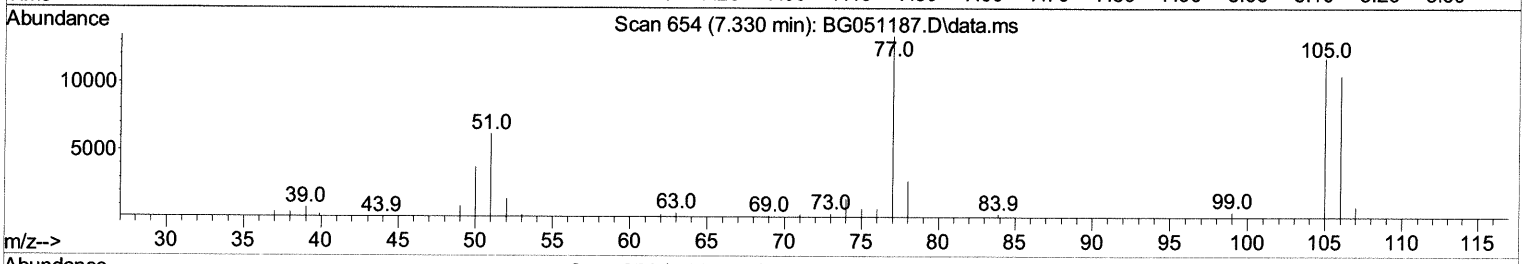

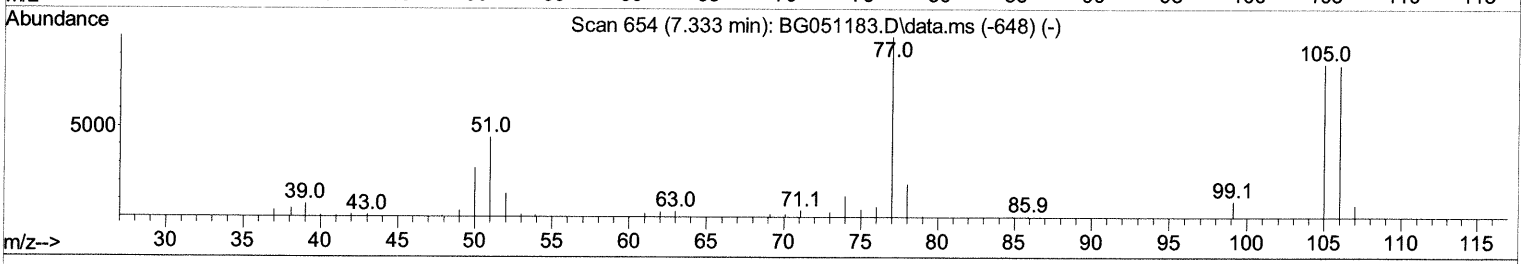

TIC: BG051187.D\data.ms

(6) Benzaldehyde

7.330min (-0.004) 17.31 ng/ul

response 24448

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	88.18
106.00	76.50	78.44
0.00	0.00	0.00

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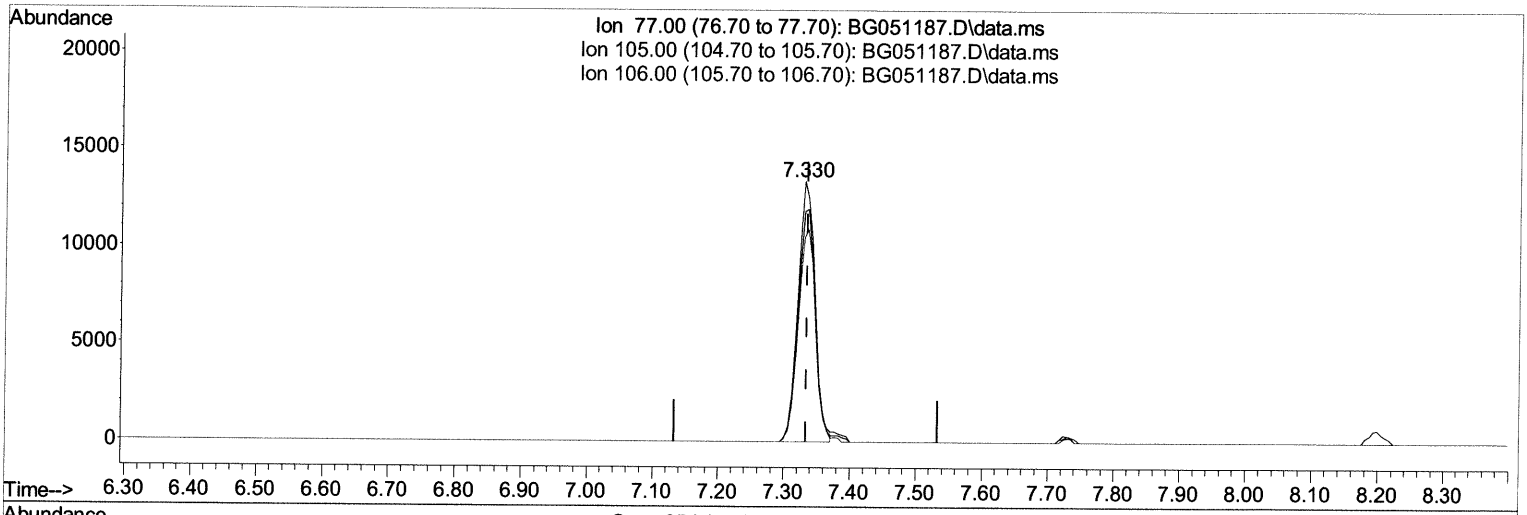

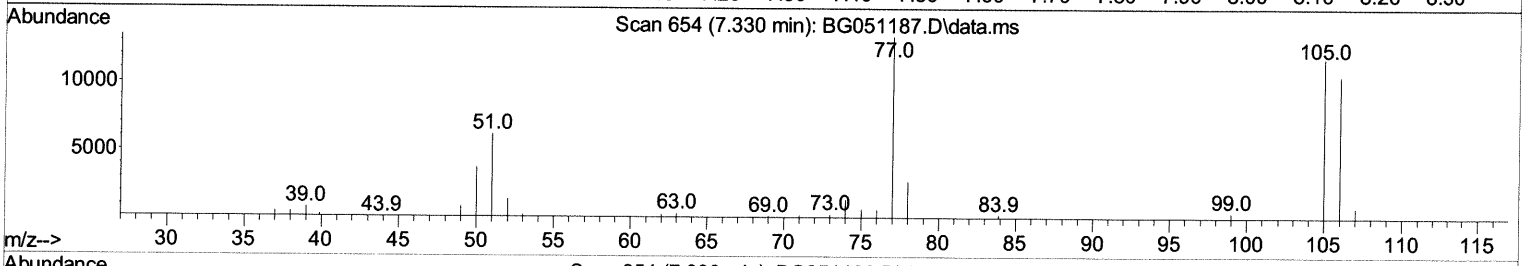

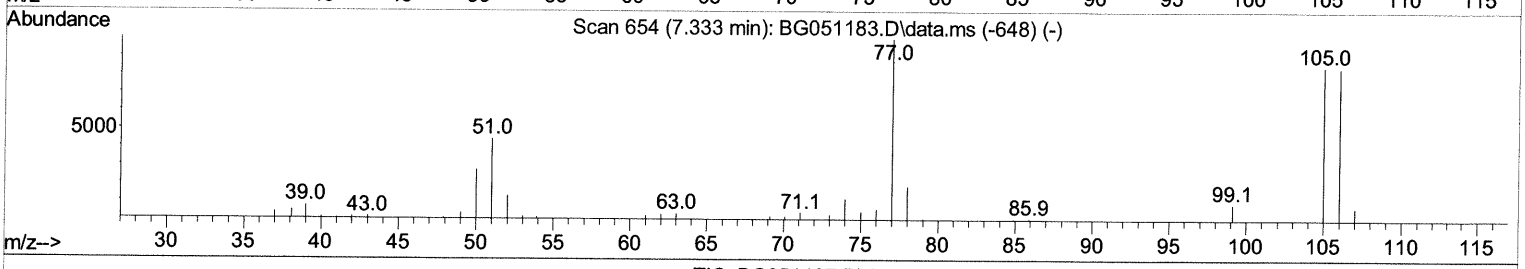

TIC: BG051187.D\data.ms

(6) Benzaldehyde

7.330min (-0.004) 16.94 ng/ul m 11/29/21 JU

response 23932

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	88.18
106.00	76.50	78.44
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	8.199	152	24591	20.000	ng/ul	0.00
20) Naphthalene-d8	11.025	136	110381	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.833	164	78299	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	178109	20.000	ng/ul	0.00
79) Chrysene-d12	21.889	240	162571	20.000	ng/ul	0.00
88) Perylene-d12	25.285	264	159934	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	2772	3.817	ng/uL	0.00
4) Pyridine-d5	3.969	84	20004	9.647	ng/ul	0.00
7) Phenol-d5	7.359	99	22530	9.264	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	15329	10.169	ng/ul	0.00
11) 2-Chlorophenol-d4	7.729	132	17307	9.952	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	18706	9.699	ng/ul	0.00
21) Nitrobenzene-d5	9.374	128	9653	10.512	ng/ul	0.00
24) 2-Nitrophenol-d4	10.103	143	10330	9.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.655	165	17494	9.851	ng/ul	0.00
31) 4-Chloroaniline-d4	11.166	131	25930	10.019	ng/ul	0.00
46) Dimethylphthalate-d6	14.227	166	61347	10.264	ng/ul	0.00
49) Acenaphthylene-d8	14.533	160	76971	10.150	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	8506	8.859	ng/ul	0.00
60) Fluorene-d10	15.826	176	55497	10.316	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	9252	8.436	ng/ul	0.00
73) Anthracene-d10	17.682	188	88567	10.451	ng/ul	0.00
81) Pyrene-d10	19.962	212	97784	9.925	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.050	264	84975	9.964	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	3151	3.825	ng/uL#	95
5) Pyridine	3.992	79	20684	9.505	ng/ul	95
6) Benzaldehyde	7.330	77	23932m	> 16.944	ng/ul >	((12/12/21
8) Phenol	7.382	94	24372	9.692	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.606	93	18858	9.895	ng/ul	94
12) 2-Chlorophenol	7.764	128	17320	9.676	ng/ul	94
13) 2-Methylphenol	8.646	108	17288	9.262	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.722	45	28084	10.312	ng/ul	97
16) Acetophenone	9.028	105	31307	10.459	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.998	70	17936	10.466	ng/ul	96
18) 4-Methylphenol	8.975	108	19546	9.825	ng/ul	93
19) Hexachloroethane	9.280	117	7538	10.024	ng/ul	94
22) Nitrobenzene	9.421	77	24583	10.015	ng/ul	95
23) Isophorone	9.932	82	48352	10.241	ng/ul	98
25) 2-Nitrophenol	10.138	139	11110	10.231	ng/ul	99
26) 2,4-Dimethylphenol	10.185	107	21645	9.663	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.414	93	26873	10.279	ng/ul	96
29) 2,4-Dichlorophenol	10.679	162	17267	9.836	ng/ul	94
30) Naphthalene	11.078	128	60691	10.085	ng/ul	98
32) 4-Chloroaniline	11.190	127	26296	10.083	ng/ul	99
33) Hexachlorobutadiene	11.343	225	12319	10.217	ng/ul	96
34) Caprolactam	11.954	113	6899	10.222	ng/ul	95
35) 4-Chloro-3-methylphenol	12.306	107	21443	10.193	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.670	142	42821	10.611	ng/ul	99
37) 1-Methylnaphthalene	12.888	142	43034	10.362	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.035	216	24275	9.848	ng/ul	96
40) Hexachlorocyclopentadiene	12.999	237	14145	18.410	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.281	196	14504	9.393	ng/ul	97
42) 2,4,5-Trichlorophenol	13.364	196	15992	9.915	ng/ul	97
43) 1,1'-Biphenyl	13.669	154	59293	10.118	ng/ul	98
44) 2-Chloronaphthalene	13.716	162	47530	10.238	ng/ul	99
45) 2-Nitroaniline	13.922	65	16107	10.118	ng/ul	92
47) Dimethylphthalate	14.274	163	62824	10.425	ng/ul	99
48) 2,6-Dinitrotoluene	14.410	165	12705	10.059	ng/ul	92
50) Acenaphthylene	14.562	152	77706	10.426	ng/ul	97
51) 3-Nitroaniline	14.744	138	13982	11.311	ng/ul	99
52) Acenaphthene	14.897	153	50544	10.265	ng/ul	99
53) 2,4-Dinitrophenol	14.968	184	8391	14.126	ng/ul#	86
55) 4-Nitrophenol	15.068	109	7161	8.543	ng/ul	85
56) Dibenzofuran	15.232	168	72994	10.284	ng/ul	98
57) 2,4-Dinitrotoluene	15.203	165	18521	10.228	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.461	232	12192	9.732	ng/ul	97
59) Diethylphthalate	15.626	149	64941	10.210	ng/ul	98
61) Fluorene	15.878	166	59085	10.380	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.861	204	31891	10.465	ng/ul	91
63) 4-Nitroaniline	15.908	138	13205	10.663	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.967	198	9140	8.660	ng/ul#	87
67) N-Nitrosodiphenylamine	16.078	169	52690	10.355	ng/ul	99
68) 4-Bromophenyl-phenylether	16.760	248	19241	10.096	ng/ul	95
69) Hexachlorobenzene	16.883	284	19343	9.969	ng/ul	93
70) Atrazine	17.018	200	21828	10.205	ng/ul	95
71) Pentachlorophenol	17.241	266	9403	12.421	ng/ul	93
72) Phenanthrene	17.623	178	101712	10.404	ng/ul	98
74) Anthracene	17.717	178	101680	10.402	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.640	216	25714	9.874	ng/uL	98
76) Pentachlorobenzene	15.150	250	24593	10.191	ng/uL	95
77) Carbazole	17.988	167	90021	10.530	ng/ul	98
78) Di-n-butylphthalate	18.516	149	112838	10.192	ng/ul	99
80) Fluoranthene	19.627	202	121606	10.098	ng/ul	97
82) Pyrene	19.991	202	121973	10.328	ng/ul	97
83) Butylbenzylphthalate	20.855	149	48380	9.859	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.771	252	38572	10.065	ng/ul	97
85) Benzo(a)anthracene	21.866	228	111203	10.069	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.724	149	70869	10.069	ng/ul	98
87) Chrysene	21.936	228	106392	10.024	ng/ul	99
89) Di-n-octyl phthalate	22.994	149	118314	10.243	ng/ul	100
90) Benzo(b)fluoranthene	24.192	252	109032	10.093	ng/ul	96
91) Benzo(k)fluoranthene	24.269	252	102094	10.102	ng/ul	98
93) Benzo(a)pyrene	25.121	252	103679	10.072	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.192	276	112895	9.776	ng/ul	96
95) Dibenzo(a,h)anthracene	29.257	278	96981	9.925	ng/ul#	96
96) Benzo(g,h,i)perylene	30.426	276	95922	9.913	ng/ul	97

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