Quantitation Report (QT Reviewed)

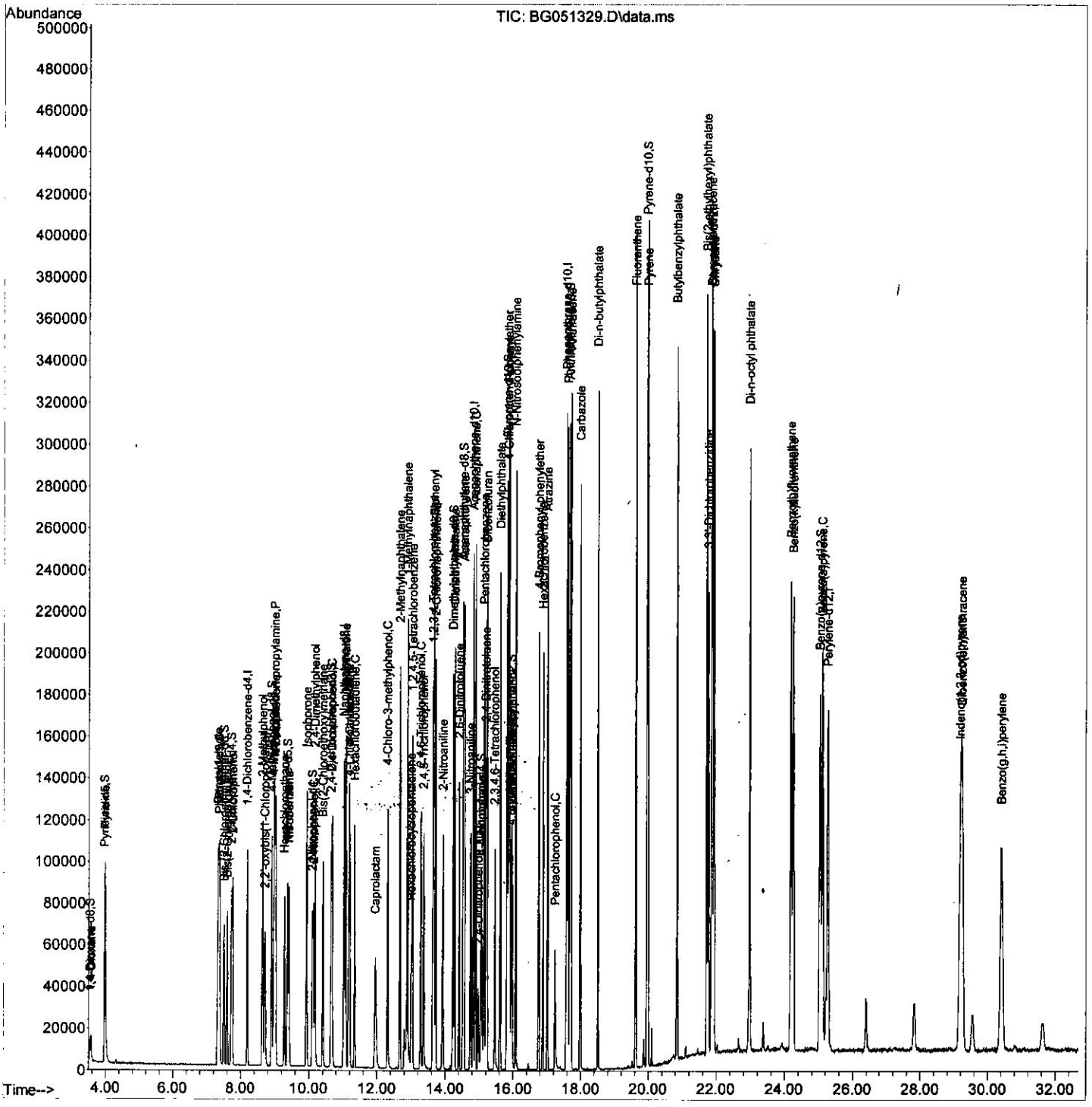
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051329.D
Acq On : 3 Dec 2021 14:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Dec 03 15:24:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



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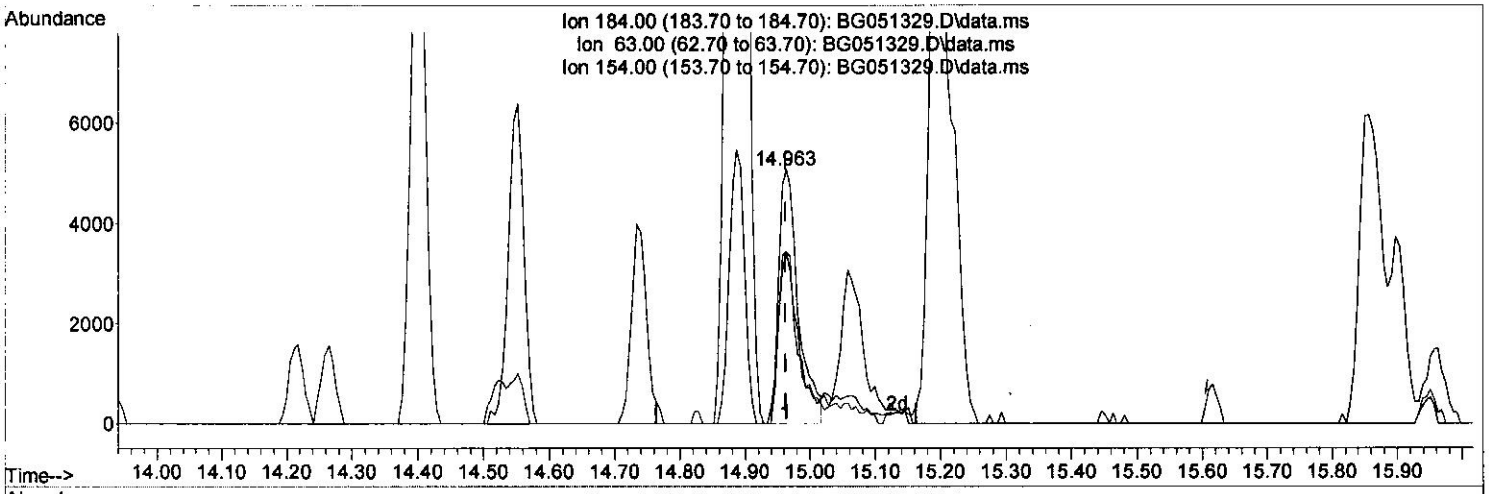

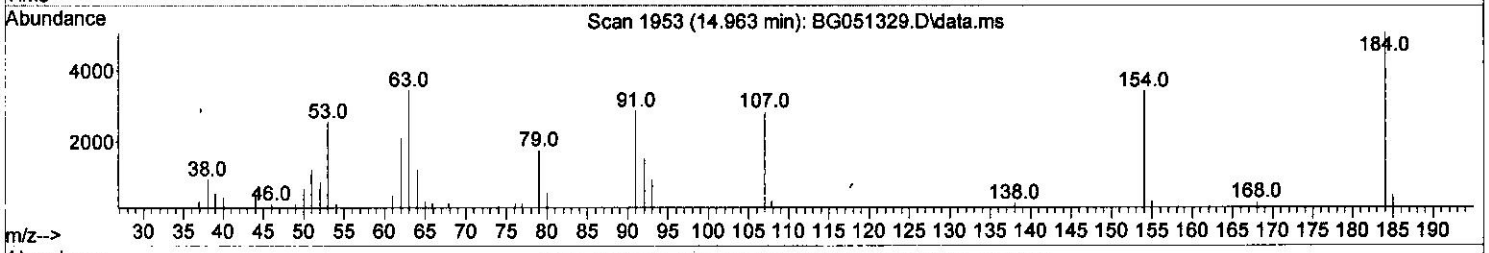

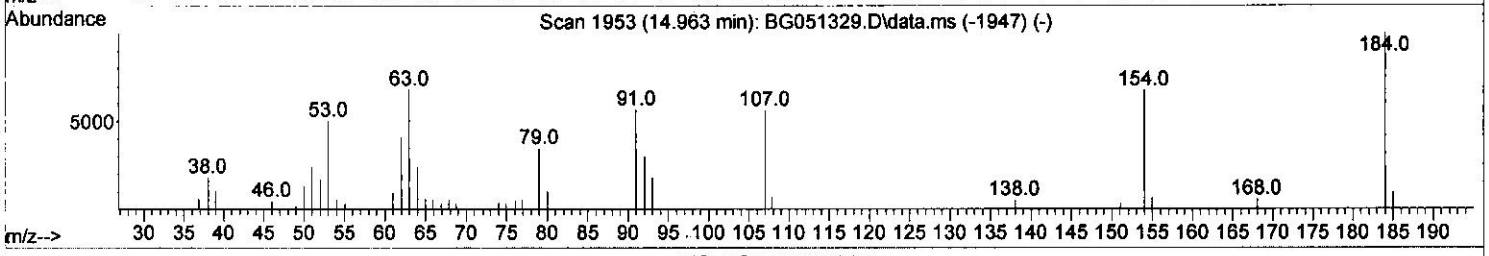

TIC: BG051329.D\data.ms

(53) 2,4-Dinitrophenol

14.963min (0.000) 13.67 ng/ul

response 10554

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	68.00
154.00	67.00	67.47
0.00	0.00	0.00

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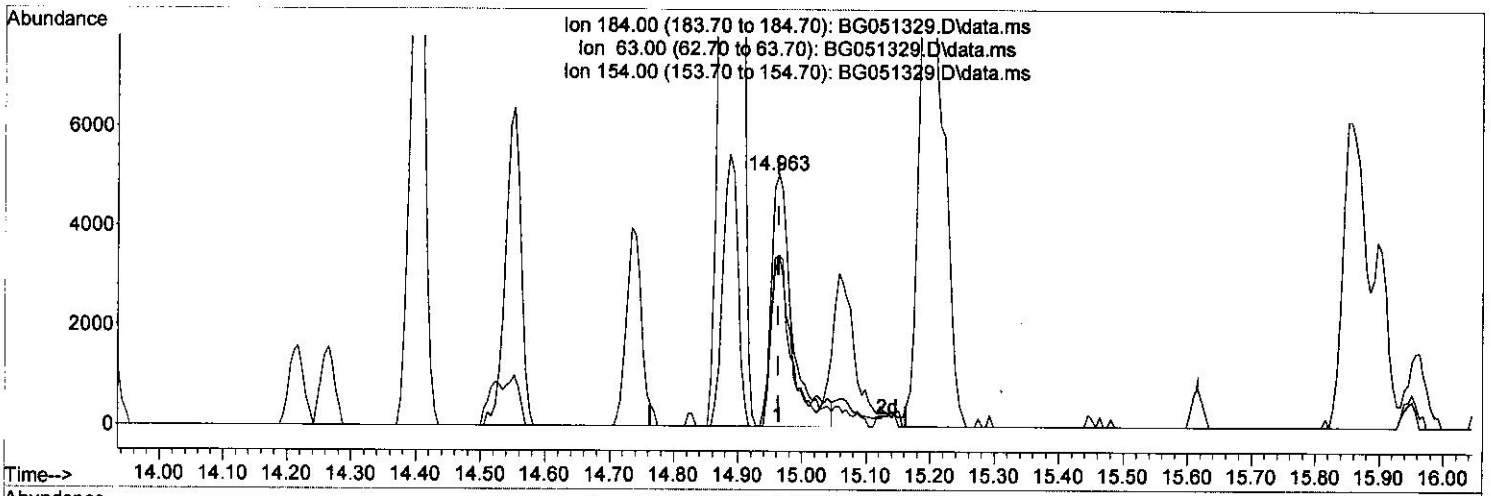

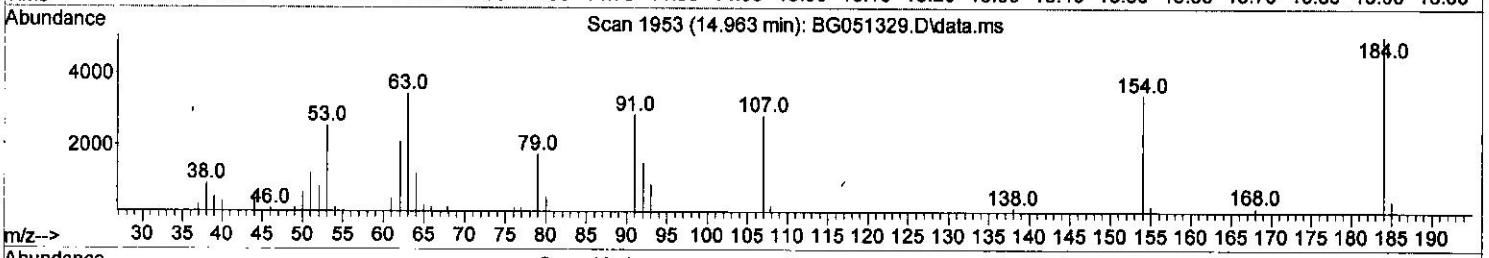

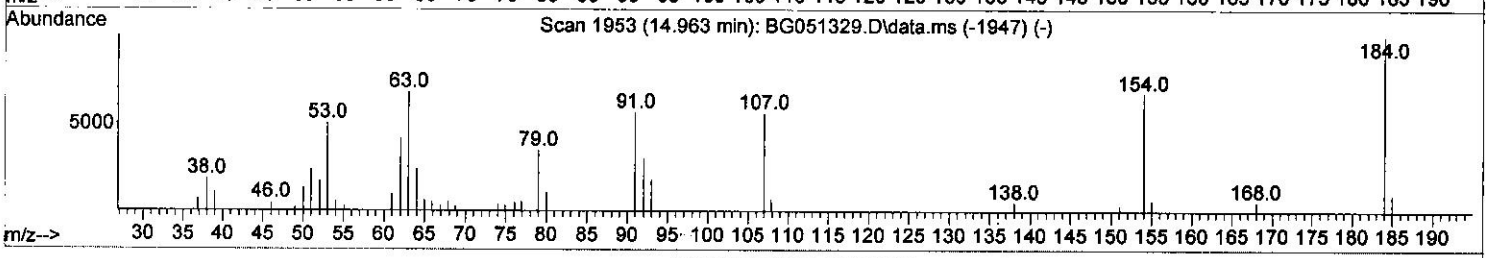

TIC: BG051329.D\data.ms

(53) 2,4-Dinitrophenol

14.963min (0.000) 14.88 ng/ul m

response 11491

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	68.00
154.00	67.00	67.47
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/05/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	28595	20.000	ng/ul	0.00
20) Naphthalene-d8	11.015	136	127984	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	85403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	192236	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	177305	20.000	ng/ul	0.00
88) Perylene-d12	25.269	264	177897	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	6360	7.729	ng/uL	0.00
4) Pyridine-d5	3.959	84	45954	19.032	ng/ul	0.00
7) Phenol-d5	7.355	99	53208	18.827	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	33901	19.100	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	38972	19.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.906	113	43436	19.046	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	20887	19.333	ng/ul	0.00
24) 2-Nitrophenol-d4	10.093	143	23671	19.423	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	40877	19.769	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	58476	19.327	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	124698	18.976	ng/ul	0.00
49) Acenaphthylene-d8	14.523	160	162327	19.590	ng/ul	0.00
54) 4-Nitrophenol-d4	15.046	143	16882	15.871	ng/ul	0.00
60) Fluorene-d10	15.815	176	113822	19.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.944	200	18117	15.273	ng/ul	0.00
73) Anthracene-d10	17.672	188	179905	19.568	ng/ul	0.00
81) Pyrene-d10	19.952	212	210118	19.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.040	264	182861	19.247	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	6467	6.969	ng/uL	96
5) Pyridine	3.982	79	49336	19.636	ng/ul	99
6) Benzaldehyde	7.325	77	39914	22.177	ng/ul	95
8) Phenol	7.378	94	56185	19.191	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.595	93	42629	19.246	ng/ul	92
12) 2-Chlorophenol	7.754	128	39915	19.247	ng/ul	94
13) 2-Methylphenol	8.641	108	41568	19.061	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.706	45	62927	19.688	ng/ul	98
16) Acetophenone	9.017	105	68162	19.323	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.994	70	39484	19.478	ng/ul	95
18) 4-Methylphenol	8.970	108	44361	19.023	ng/ul	96
19) Hexachloroethane	9.276	117	16847	19.233	ng/ul	96
22) Nitrobenzene	9.411	77	56346	19.890	ng/ul	95
23) Isophorone	9.928	82	107394	19.513	ng/ul	100
25) 2-Nitrophenol	10.128	139	23963	18.983	ng/ul	97
26) 2,4-Dimethylphenol	10.175	107	52064	20.173	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.404	93	59278	19.510	ng/ul	98
29) 2,4-Dichlorophenol	10.668	162	40224	19.762	ng/ul	98
30) Naphthalene	11.068	128	133808	19.215	ng/ul	98
32) 4-Chloroaniline	11.179	127	58078	19.121	ng/ul	99
33) Hexachlorobutadiene	11.332	225	25871	18.427	ng/ul	95
34) Caprolactam	11.937	113	15293	19.112	ng/ul	90
35) 4-Chloro-3-methylphenol	12.302	107	48602	19.877	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.660	142	90289	19.061	ng/ul	100
37) 1-Methylnaphthalene	12.878	142	92898	19.063	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.024	216	51891	19.354	ng/ul	97
40) Hexachlorocyclopentadiene	12.989	237	15307	14.125	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.271	196	32210	19.144	ng/ul	99
42) 2,4,5-Trichlorophenol	13.353	196	33253	18.873	ng/ul	96
43) 1,1'-Biphenyl	13.659	154	124728	19.554	ng/ul	98
44) 2-Chloronaphthalene	13.706	162	97982	19.310	ng/ul	99
45) 2-Nitroaniline	13.917	65	36296	20.668	ng/ul	94
47) Dimethylphthalate	14.264	163	127120	19.112	ng/ul	99
48) 2,6-Dinitrotoluene	14.399	165	26650	19.074	ng/ul	97
50) Acenaphthylene	14.552	152	159515	19.485	ng/ul	98
51) 3-Nitroaniline	14.734	138	29086	21.061	ng/ul	96
52) Acenaphthene	14.887	153	105623	19.563	ng/ul	97
53) 2,4-Dinitrophenol	14.963	184	11491m	14.879	ng/ul	
55) 4-Nitrophenol	15.063	109	15328	16.612	ng/ul	93
56) Dibenzofuran	15.222	168	150369	19.309	ng/ul	100
57) 2,4-Dinitrotoluene	15.192	165	39532	19.810	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.451	232	23946	17.307	ng/ul	95
59) Diethylphthalate	15.615	149	133464	19.116	ng/ul	99
61) Fluorene	15.868	166	121528	19.482	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.850	204	63421	18.866	ng/ul	96
63) 4-Nitroaniline	15.903	138	30072	22.376	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.962	198	18061	15.787	ng/ul#	99
67) N-Nitrosodiphenylamine	16.068	169	107849	19.597	ng/ul	99
68) 4-Bromophenyl-phenylether	16.749	248	38611	18.740	ng/ul	93
69) Hexachlorobenzene	16.873	284	40486	19.271	ng/ul	99
70) Atrazine	17.008	200	44961	19.439	ng/ul	99
71) Pentachlorophenol	17.231	266	13518	14.521	ng/ul	98
72) Phenanthrene	17.619	178	207790	19.577	ng/ul	99
74) Anthracene	17.707	178	209524	19.876	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.630	216	54797	19.543	ng/uL	98
76) Pentachlorobenzene	15.140	250	50472	19.318	ng/uL	97
77) Carbazole	17.983	167	187054	20.216	ng/ul	99
78) Di-n-butylphthalate	18.506	149	237531	19.909	ng/ul	99
80) Fluoranthene	19.617	202	258129	19.590	ng/ul	98
82) Pyrene	19.981	202	254735	19.763	ng/ul	98
83) Butylbenzylphthalate	20.839	149	104890	19.574	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.761	252	82718	20.038	ng/ul	98
85) Benzo(a)anthracene	21.855	228	234844	19.528	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.714	149	150929	19.573	ng/ul	99
87) Chrysene	21.926	228	224623	19.443	ng/ul	100
89) Di-n-octyl phthalate	22.972	149	257022	19.943	ng/ul	100
90) Benzo(b)fluoranthene	24.182	252	230446	19.195	ng/ul	98
91) Benzo(k)fluoranthene	24.252	252	218598	19.403	ng/ul	99
93) Benzo(a)pyrene	25.104	252	221681	19.355	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.182	276	246950	19.267	ng/ul	99
95) Dibenzo(a,h)anthracene	29.235	278	208582	19.183	ng/ul	98
96) Benzo(g,h,i)perylene	30.416	276	205713	19.077	ng/ul	97

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