Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049511.D
Acq On : 27 Jul 2021 17:17
Operator : CG/JU
Sample : PB137903BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 27 18:02:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS903

Manual Integrations APPROVED
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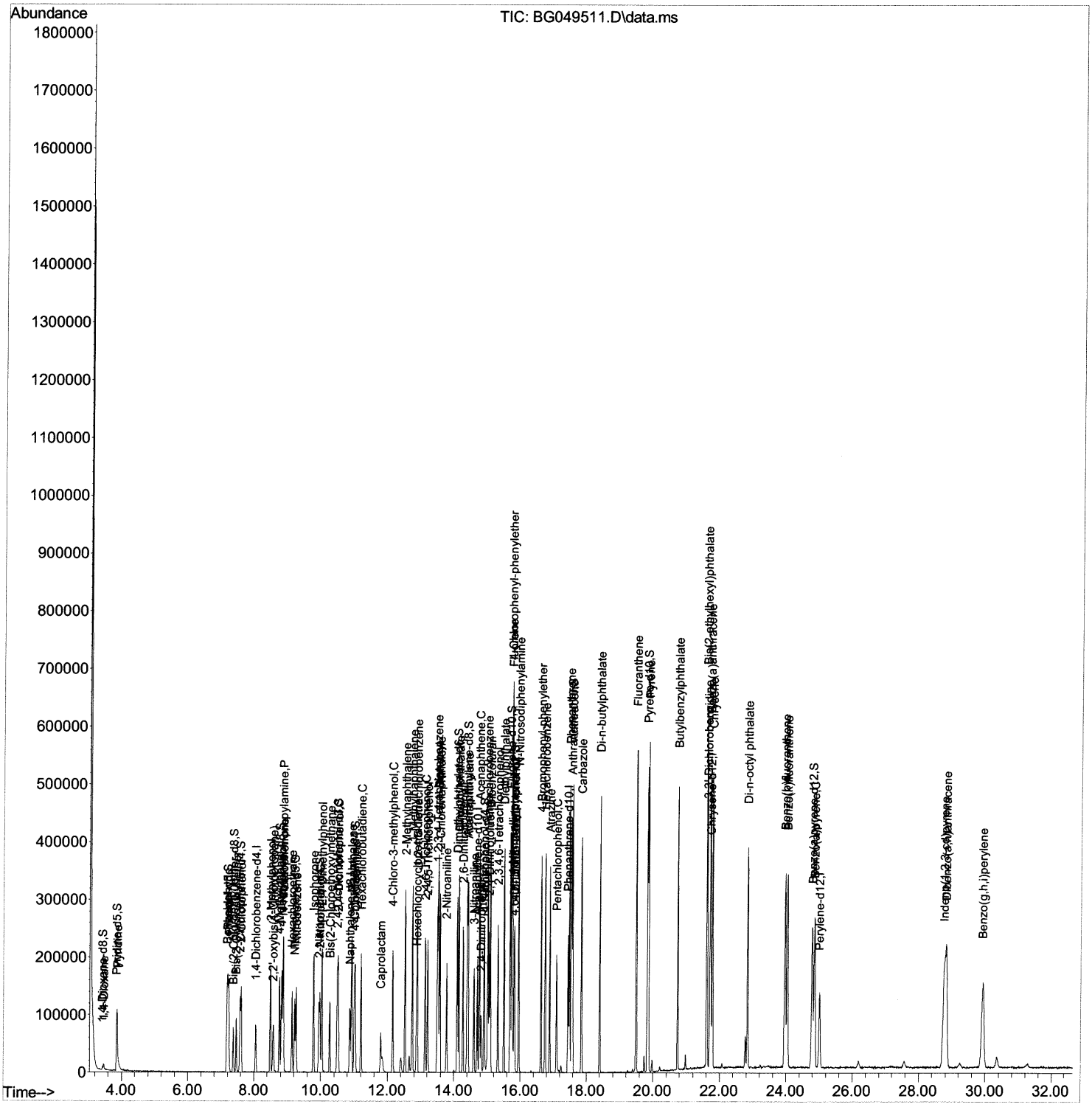
7/28/2021 11:29:47 AM



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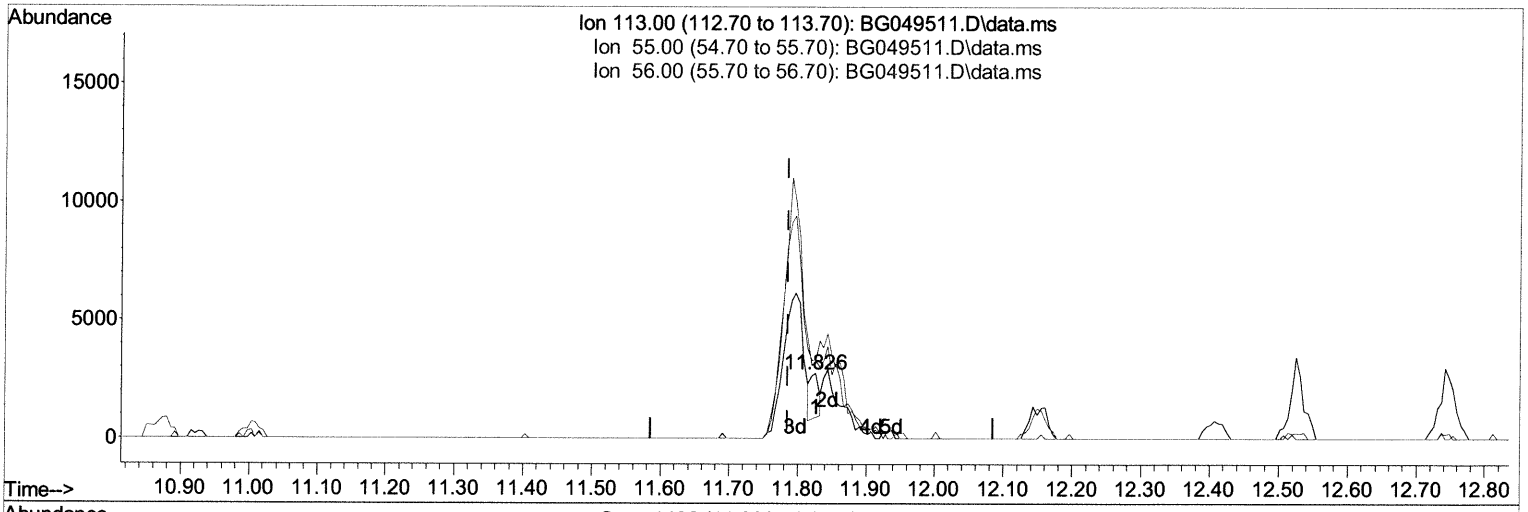

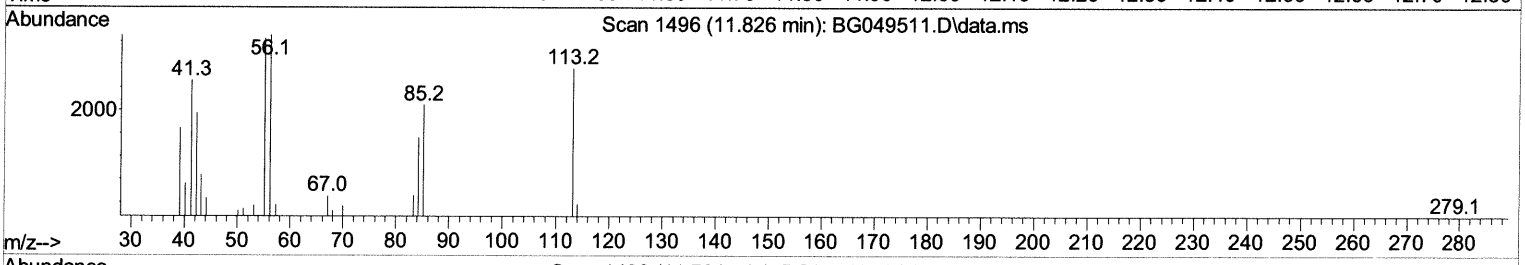

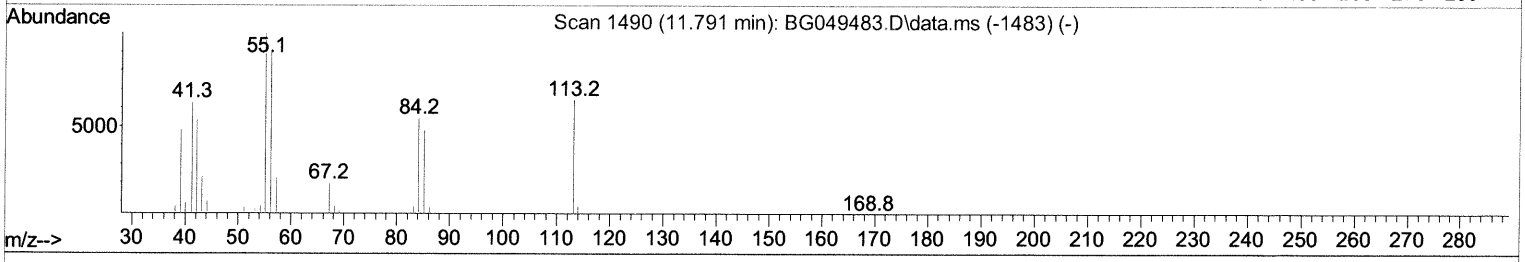

TIC: BG049511.D\data.ms

(34) Caprolactam

11.826min (+ 0.040) 3.26 ng/ul

response 1653

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	119.11
56.00	118.80	120.90
0.00	0.00	0.00

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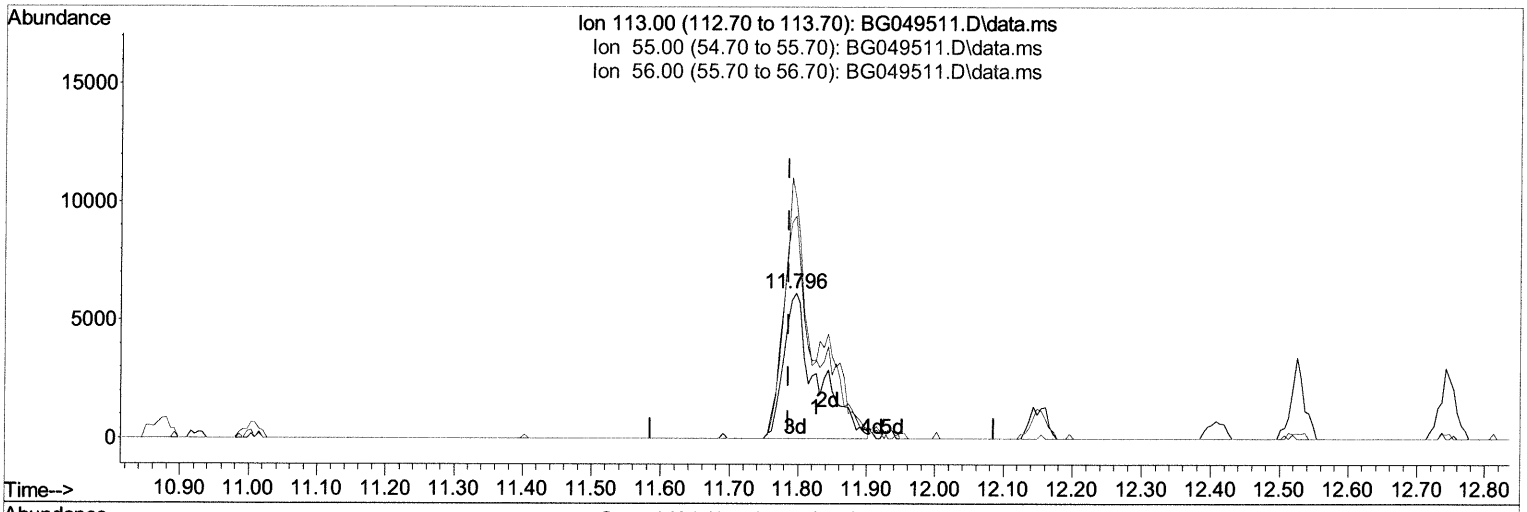

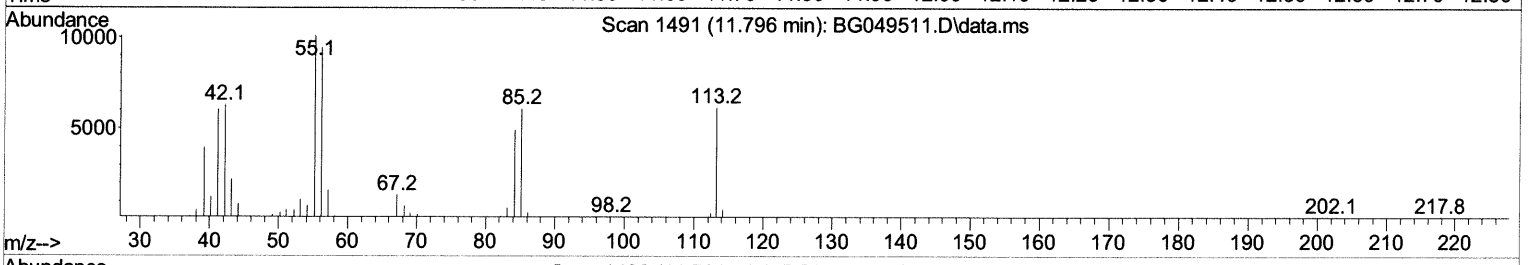

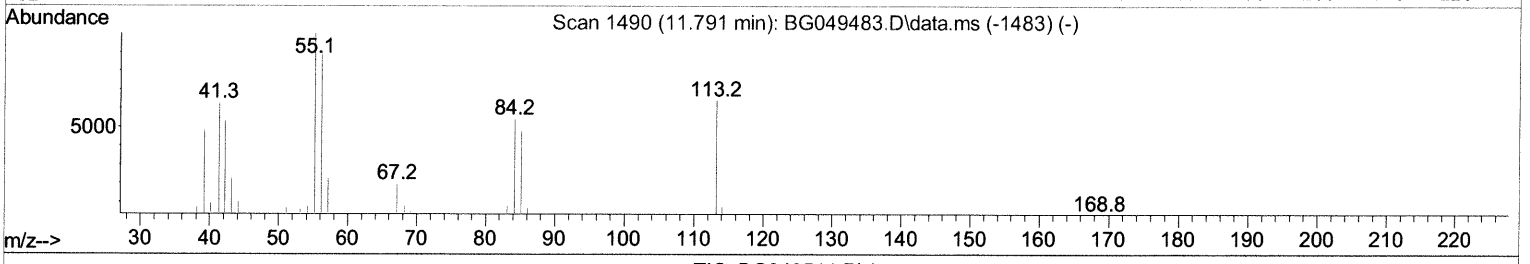

TIC: BG049511.D\data.ms

(34) Caprolactam

11.796min (+ 0.011) 40.43 ng/ul m 07/29/21 JU

response 20507

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	163.56
56.00	118.80	153.25#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	22604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	93117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	70355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	147722	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	134818	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	138112	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2991	6.054	ng/uL	0.00
4) Pyridine-d5	3.854	84	43708	30.800	ng/ul	0.00
7) Phenol-d5	7.203	99	72380	36.192	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	38710	34.176	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	53145	37.072	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	57031	37.833	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	26878	37.543	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	32440	38.668	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	59602	39.063	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	71828	33.778	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	194663	36.120	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	231989	37.061	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	32239	36.325	ng/ul	0.01
60) Fluorene-d10	15.691	176	166601	35.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	32205	35.182	ng/ul	0.00
73) Anthracene-d10	17.547	188	260312	37.915	ng/ul	0.00
81) Pyrene-d10	19.833	212	298402	43.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	284036	39.129	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	6937	10.272	ng/uL	90
5) Pyridine	3.872	79	52601	34.652	ng/ul	97
6) Benzaldehyde	7.179	77	53250	44.622	ng/ul	94
8) Phenol	7.232	94	76967	39.397	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.461	93	49760	36.971	ng/ul	92
12) 2-Chlorophenol	7.608	128	55595	40.282	ng/ul	98
13) 2-Methylphenol	8.495	108	59433	39.915	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.571	45	56499	35.821	ng/ul	96
16) Acetophenone	8.877	105	94131	38.798	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.859	70	50031	39.990	ng/ul#	94
18) 4-Methylphenol	8.824	108	65131	41.579	ng/ul	94
19) Hexachloroethane	9.141	117	24280	39.051	ng/ul	85
22) Nitrobenzene	9.265	77	84565	39.561	ng/ul	98
23) Isophorone	9.787	82	142430	39.764	ng/ul	98
25) 2-Nitrophenol	9.975	139	31748	40.212	ng/ul#	75
26) 2,4-Dimethylphenol	10.034	107	75832	40.301	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	67697	37.894	ng/ul	94
29) 2,4-Dichlorophenol	10.516	162	60449	40.527	ng/ul	94
30) Naphthalene	10.921	128	186729	38.931	ng/ul	98
32) 4-Chloroaniline	11.027	127	73441	36.307	ng/ul#	85
33) Hexachlorobutadiene	11.203	225	44942	39.411	ng/ul	94
34) Caprolactam	11.796	113	20507m	40.425	ng/ul	07/29/21 JU
35) 4-Chloro-3-methylphenol	12.149	107	74052	44.125	ng/ul	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.531	142	143781	40.957 ng/ul	97
37) 1-Methylnaphthalene	12.748	142	141417	39.866 ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.895	216	79254	37.901 ng/ul	97
40) Hexachlorocyclopentadiene	12.871	237	30409	24.135 ng/ul	93
41) 2,4,6-Trichlorophenol	13.136	196	51803	40.313 ng/ul#	78
42) 2,4,5-Trichlorophenol	13.206	196	56806	41.394 ng/ul	90
43) 1,1'-Biphenyl	13.529	154	190313	37.986 ng/ul	99
44) 2-Chloronaphthalene	13.576	162	145070	37.211 ng/ul	95
45) 2-Nitroaniline	13.776	65	56963	41.172 ng/ul	95
47) Dimethylphthalate	14.146	163	194597	37.130 ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	42842	40.960 ng/ul#	92
50) Acenaphthylene	14.422	152	228726	38.263 ng/ul	95
51) 3-Nitroaniline	14.599	138	39330	37.702 ng/ul	93
52) Acenaphthene	14.763	153	160833	37.513 ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	20472	39.285 ng/ul#	82
55) 4-Nitrophenol	14.916	109	46205	38.394 ng/ul	96
56) Dibenzofuran	15.098	168	224337	38.751 ng/ul	100
57) 2,4-Dinitrotoluene	15.063	165	60596	40.871 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.327	232	51183	41.099 ng/ul	95
59) Diethylphthalate	15.509	149	205558	37.897 ng/ul	98
61) Fluorene	15.750	166	191067	38.878 ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.738	204	100801	39.401 ng/ul	94
63) 4-Nitroaniline	15.768	138	42589	41.170 ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.826	198	32307	38.340 ng/ul#	84
67) N-Nitrosodiphenylamine	15.950	169	163291	42.179 ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	68351	41.555 ng/ul	95
69) Hexachlorobenzene	16.754	284	75881	40.774 ng/ul	95
70) Atrazine	16.901	200	71068	40.193 ng/ul	97
71) Pentachlorophenol	17.101	266	38105	44.221 ng/ul	94
72) Phenanthrene	17.495	178	308637	40.133 ng/ul	99
74) Anthracene	17.583	178	299620	38.447 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	82256	40.978 ng/uL	98
76) Pentachlorobenzene	15.021	250	90137	42.441 ng/uL	97
77) Carbazole	17.853	167	266928	38.312 ng/ul	99
78) Di-n-butylphthalate	18.405	149	334448	38.602 ng/ul	97
80) Fluoranthene	19.504	202	368613	44.037 ng/ul	99
82) Pyrene	19.862	202	361593	43.510 ng/ul	99
83) Butylbenzylphthalate	20.743	149	142303	43.981 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.624	252	120359	38.854 ng/ul	98
85) Benzo(a)anthracene	21.712	228	338147	41.024 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	201345	41.931 ng/ul	97
87) Chrysene	21.777	228	321076	40.697 ng/ul	97
89) Di-n-octyl phthalate	22.834	149	335363	41.309 ng/ul	100
90) Benzo(b)fluoranthene	23.962	252	361528	41.764 ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	344910	40.712 ng/ul#	98
93) Benzo(a)pyrene	24.861	252	313052	41.686 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.762	276	411835	42.979 ng/ul	99
95) Dibenzo(a,h)anthracene	28.826	278	339517	42.817 ng/ul	99
96) Benzo(g,h,i)perylene	29.931	276	339770	42.649 ng/ul#	94

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