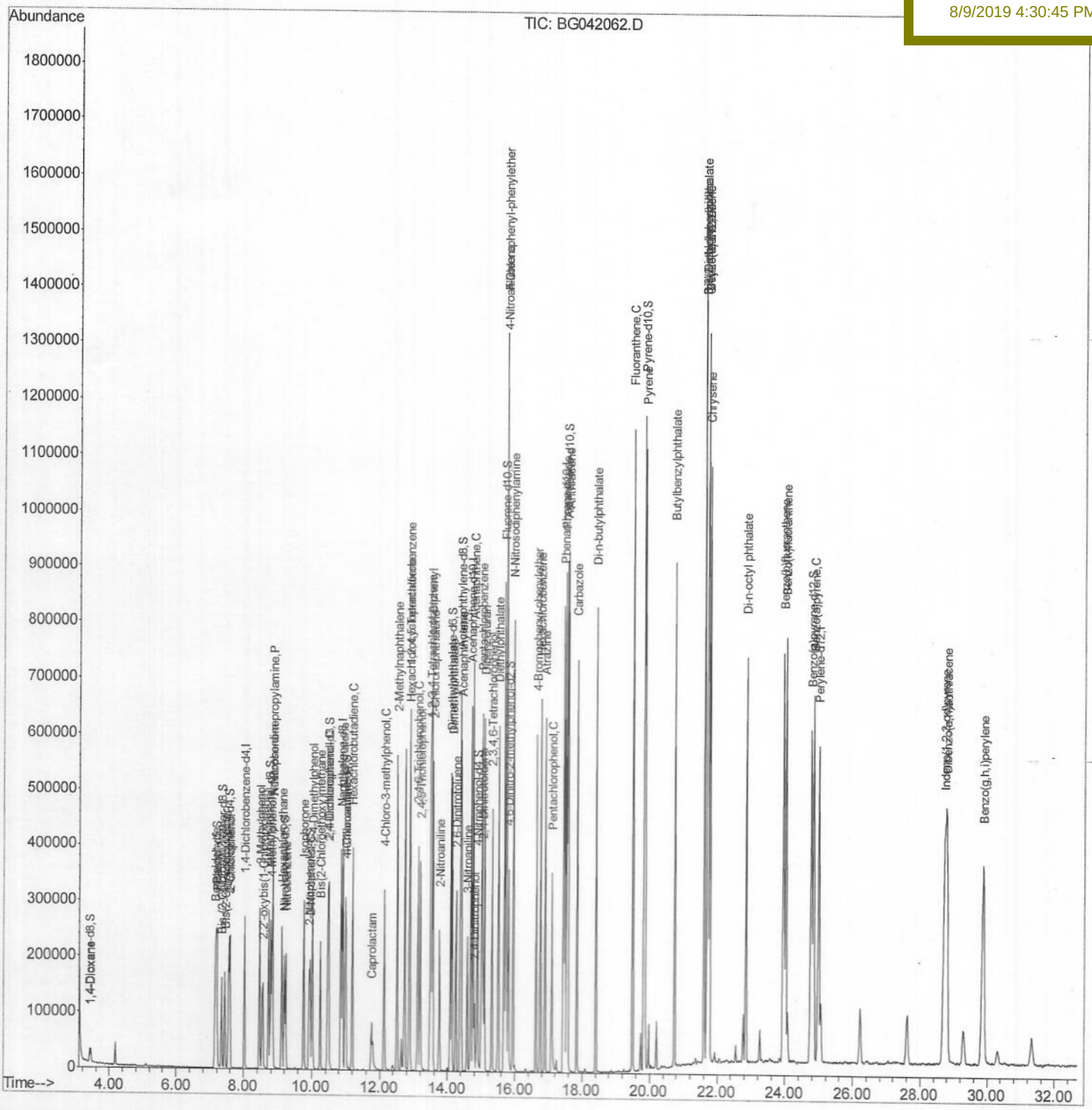
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042062.D
Acq On : 8 Aug 2019 11:31
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 08 12:08:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 10:53:02 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02092

Manual Integrations APPROVED
mohammad
8/9/2019 4:30:45 PM



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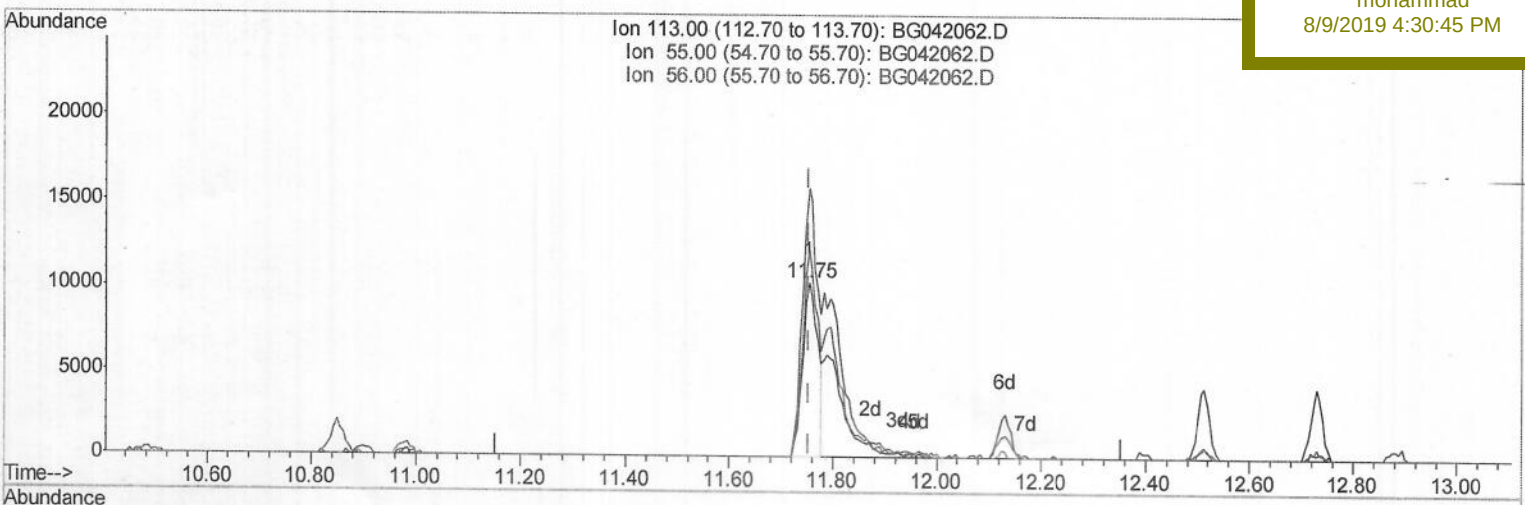

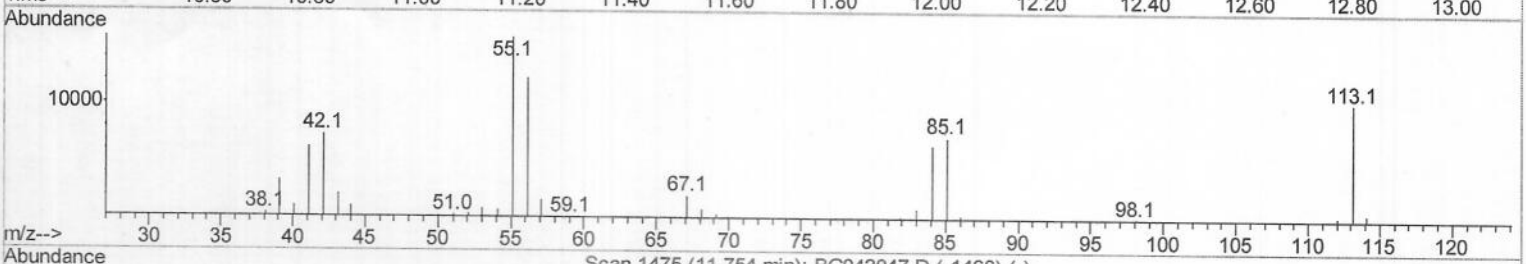

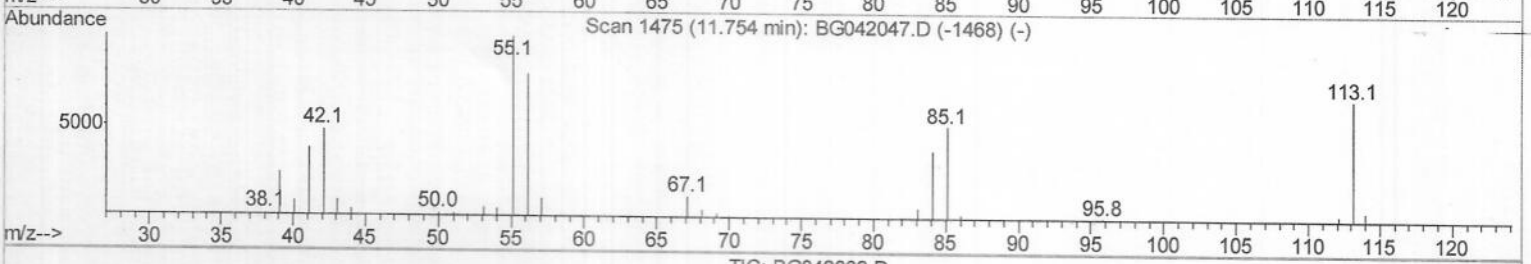

TIC: BG042062.D

(32) Caprolactam

11.754min (-0.000) 10.33ng/ul

response 21549

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	153.50
56.00	136.80	118.69
0.00	0.00	0.00

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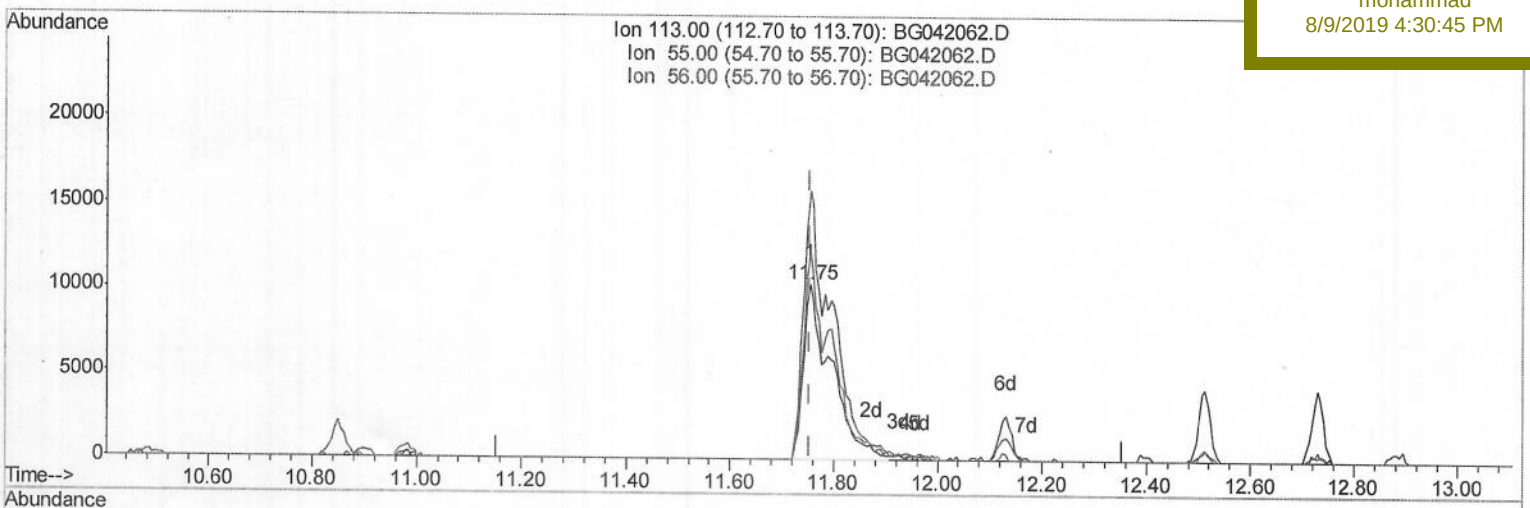

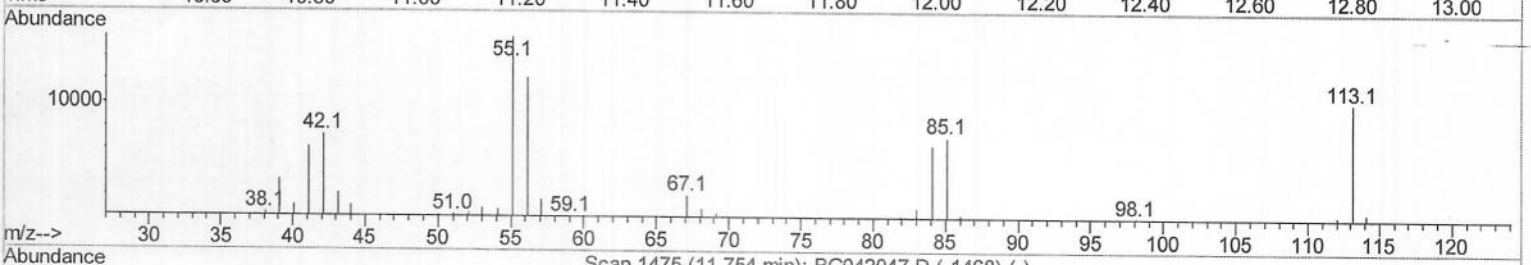

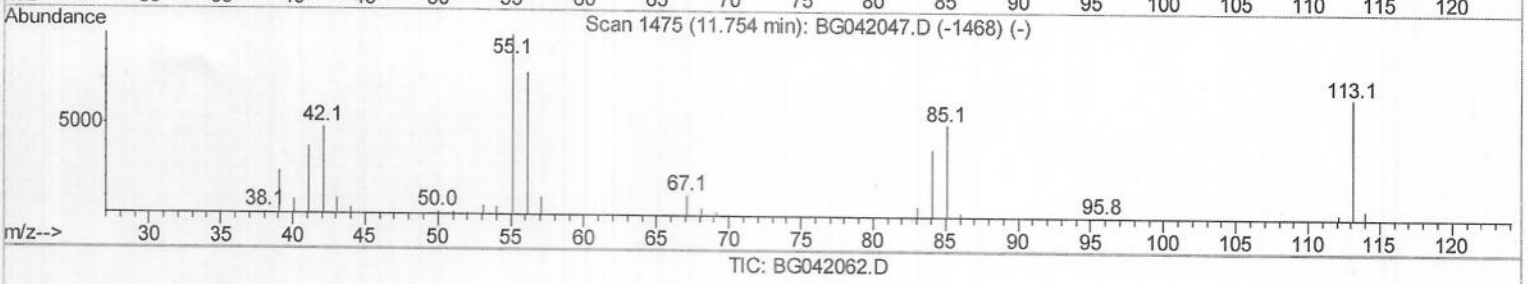

TIC: BG042062.D

(32) Caprolactam

11.754min (-0.000) 18.49ng/ul m) JU 08/08/19

response 38589

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	153.50
56.00	136.80	118.69
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	89314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	368595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	251989	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	577396	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	553502	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	646766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	14080	6.90	ng/uL	0.00
5) Phenol-d5	7.18	99	144863	20.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	77359	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	129334	21.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	118933	20.21	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	60832	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	74366	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	147418	22.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	158265	21.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	429576	21.98	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	527272	23.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	67845	20.67	ng/ul	0.00
57) Fluorene-d10	15.68	176	390388	22.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	77979	21.05	ng/ul	0.00
70) Anthracene-d10	17.54	188	593617	21.43	ng/ul	0.00
78) Pyrene-d10	19.83	212	664286	21.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	762574	22.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	13744	6.499	ng/uL	96
4) Benzaldehyde	7.15	77	64684	19.531	ng/ul	96
6) Phenol	7.20	94	137558	19.013	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.44	93	103004	18.714	ng/ul	92
10) 2-Chlorophenol	7.58	128	120224	19.792	ng/ul	96
11) 2-Methylphenol	8.47	108	111172	19.165	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.56	45	145104	15.585	ng/ul#	94
14) Acetophenone	8.85	105	170927	18.885	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.84	70	82210	17.195	ng/ul	95
16) 4-Methylphenol	8.80	108	118883	18.971	ng/ul	90
17) Hexachloroethane	9.12	117	47415	18.850	ng/ul	87
20) Nitrobenzene	9.23	77	117973	18.668	ng/ul	95
21) Isophorone	9.76	82	229215	18.192	ng/ul	95
23) 2-Nitrophenol	9.95	139	74285	21.583	ng/ul	95
24) 2,4-Dimethylphenol	10.01	107	128222	18.882	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.24	93	142700	19.076	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	137483	21.318	ng/ul	95
28) Naphthalene	10.90	128	379107	20.118	ng/ul	99
30) 4-Chloroaniline	11.00	127	150413	20.739	ng/ul	99
31) Hexachlorobutadiene	11.20	225	104003	21.241	ng/ul	96
32) Caprolactam	11.75	113	38589m>	18.494	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	126398	19.892	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	299650	20.007	ng/ul	99

JV 08/08/19

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8/9/2019 4:30:45 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	198465	22.028 ng/ul#	99
37) Hexachlorocyclopentadiene	12.86	237	99399	17.475 ng/ul	94
38) 2,4,6-Trichlorophenol	13.12	196	125482	22.505 ng/ul	94
39) 2,4,5-Trichlorophenol	13.19	196	130864	21.041 ng/ul	100
40) 1,1'-Biphenyl	13.52	154	380111	20.745 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	319584	21.661 ng/ul	98
42) 2-Nitroaniline	13.76	65	70673	18.311 ng/ul	83
44) Dimethylphthalate	14.13	163	390406	20.119 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	89436	21.189 ng/ul	93
47) Acenaphthylene	14.41	152	459040	20.372 ng/ul	98
48) 3-Nitroaniline	14.58	138	77526	23.032 ng/ul	97
49) Acenaphthene	14.75	153	325726	20.674 ng/ul	100
50) 2,4-Dinitrophenol	14.79	184	41777	18.089 ng/ul	98
52) 4-Nitrophenol	14.89	109	46271	19.028 ng/ul	92
53) Dibenzofuran	15.09	168	483760	20.573 ng/ul	98
54) 2,4-Dinitrotoluene	15.04	165	124703	20.320 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.31	232	123383	20.933 ng/ul	95
56) Diethylphthalate	15.50	149	381480	19.763 ng/ul	98
58) Fluorene	15.74	166	383474	20.247 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.73	204	229704	20.886 ng/ul	98
60) 4-Nitroaniline	15.74	138	80331	21.421 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.81	198	76830	19.251 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	348688	20.355 ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	160130	20.948 ng/ul	95
66) Hexachlorobenzene	16.75	284	161851	21.082 ng/ul	95
67) Atrazine	16.89	200	141829	19.755 ng/ul	97
68) Pentachlorophenol	17.09	266	94490	22.597 ng/ul	97
69) Phenanthrene	17.48	178	631536	19.979 ng/ul	99
71) Anthracene	17.57	178	625876	19.522 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	201078	21.854 ng/uL	99
73) Pentachlorobenzene	15.01	250	201841	21.696 ng/uL	100
74) Carbazole	17.84	167	537064	20.223 ng/ul	98
75) Di-n-butylphthalate	18.40	149	633634	19.359 ng/ul	100
76) Fluoranthene	19.49	202	771208	21.116 ng/ul	97
79) Pyrene	19.86	202	743725	19.976 ng/ul	98
80) Butylbenzylphthalate	20.74	149	286975	19.583 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.61	252	276924	22.012 ng/ul#	98
82) Benzo(a)anthracene	21.70	228	775723	20.213 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	403093	20.159 ng/ul	99
84) Chrysene	21.77	228	719837	20.097 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	694460	21.702 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	817197	20.134 ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	794479	20.358 ng/ul	100
90) Benzo(a)pyrene	24.83	252	784884	20.293 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	930491	20.626 ng/ul	99
92) Dibenzo(a,h)anthracene	28.79	278	772252	20.987 ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	762721	20.251 ng/ul	97

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