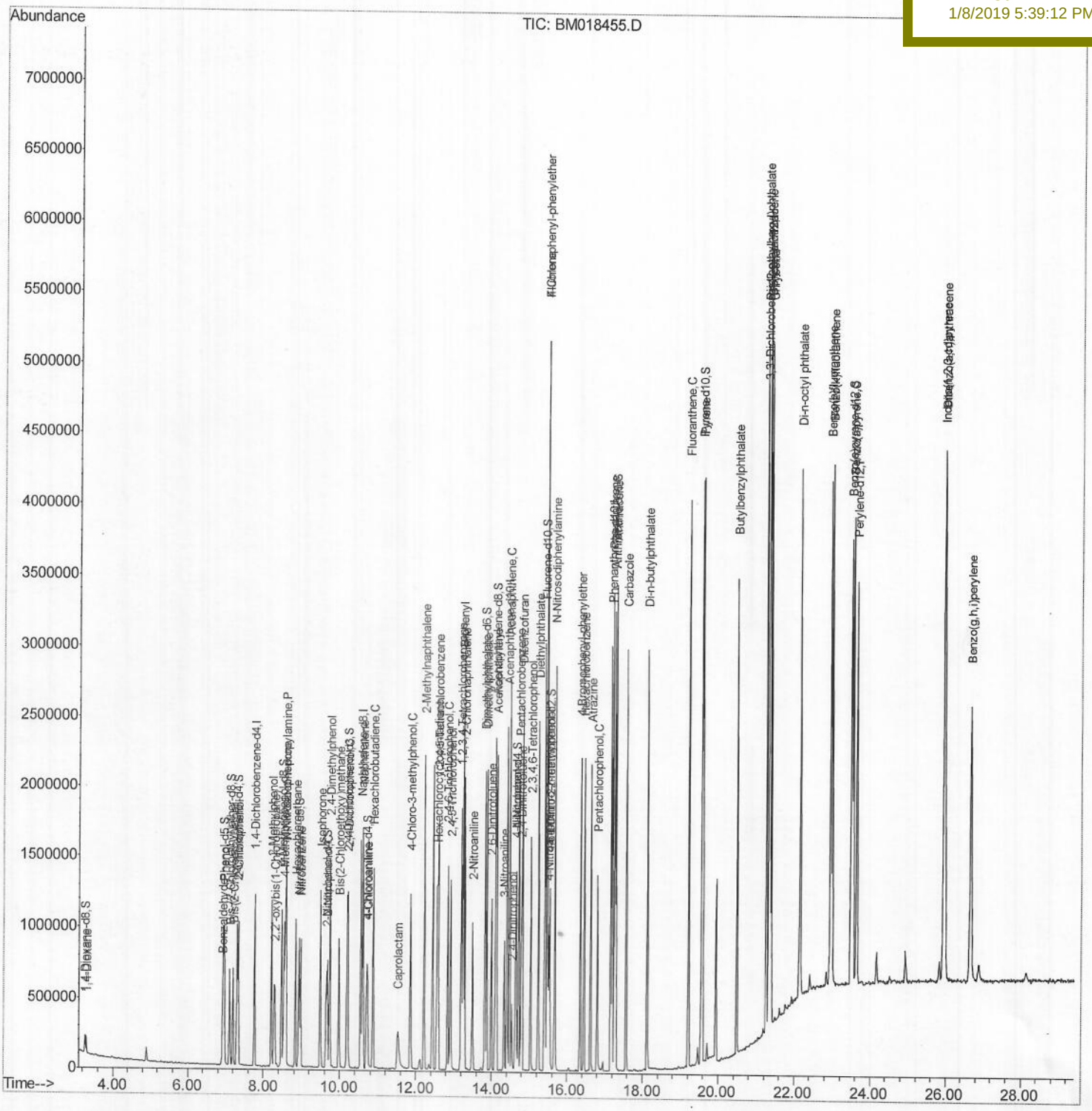
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018455.D
Acq On : 07 Jan 2019 21:37
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 08 01:12:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 07 23:55:53 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02010

Manual Integrations APPROVED
Sohil
1/8/2019 5:39:12 PM



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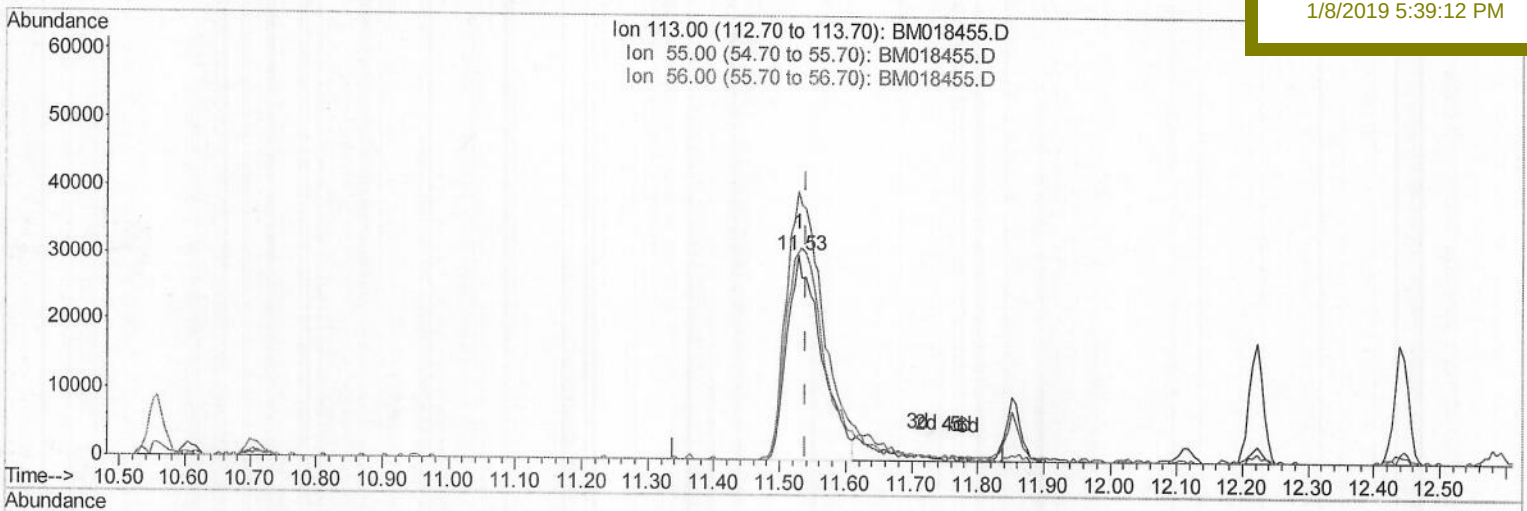

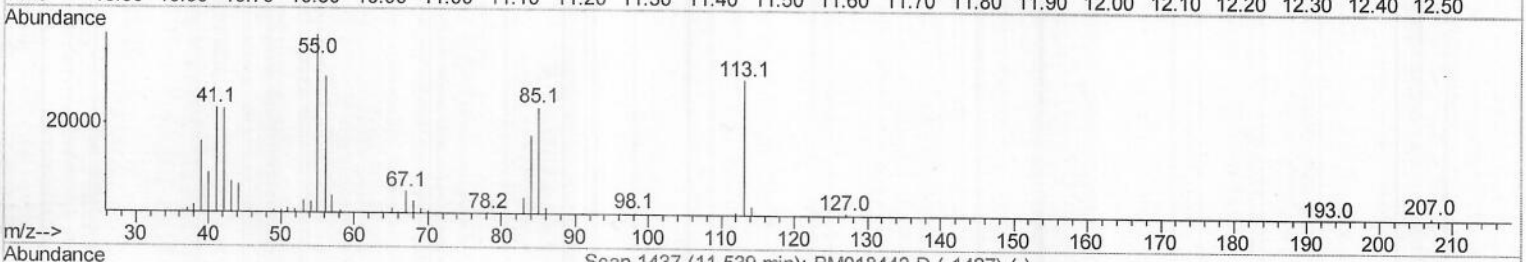

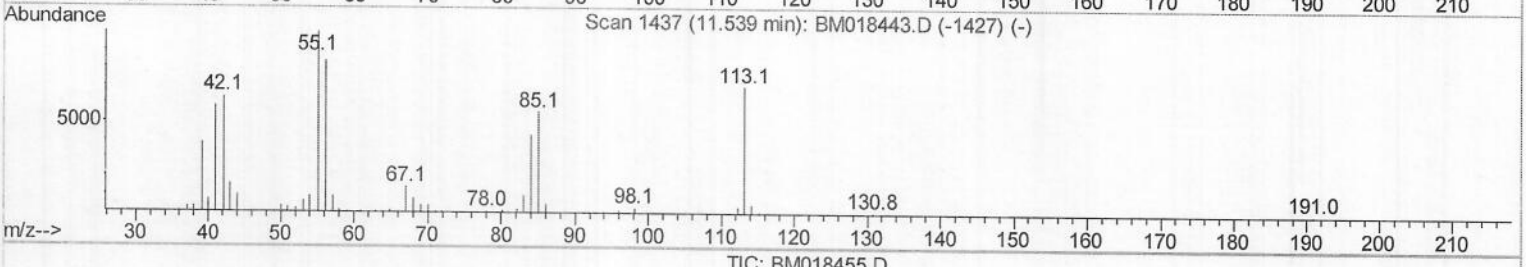

TIC: BM018455.D

(32) Caprolactam

11.528min (-0.012) 17.53ng/ul

response 108900

Ion	Exp%	Act%
113.00	100	100
55.00	134.90	131.35
56.00	103.80	101.01
0.00	0.00	0.00

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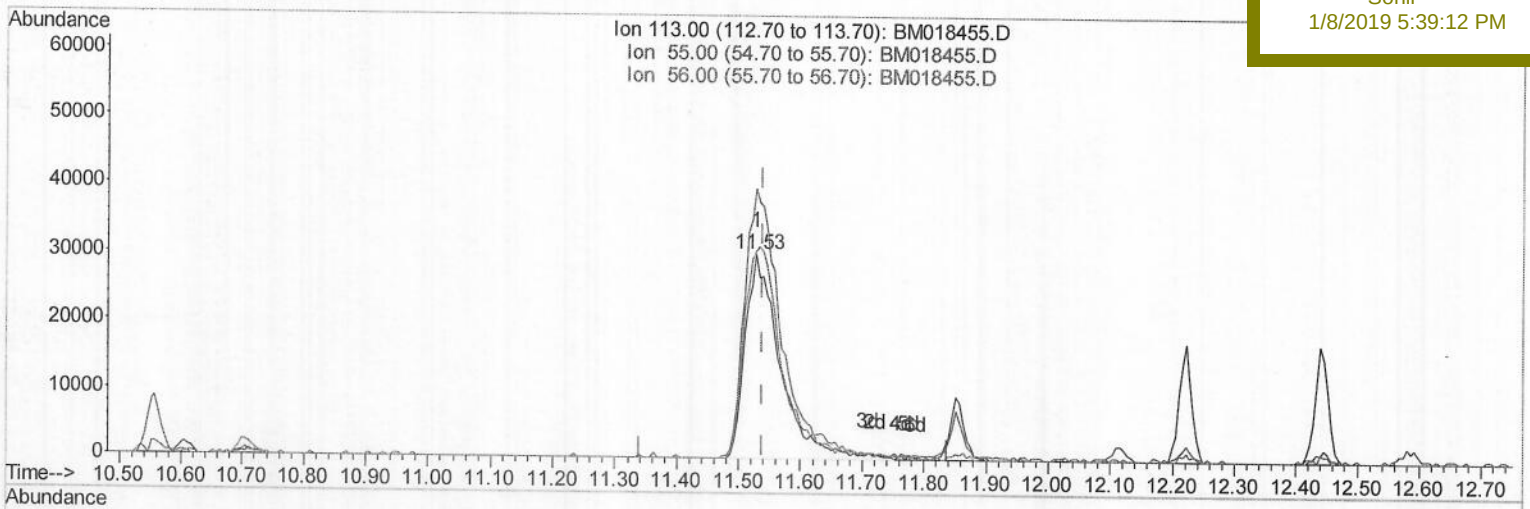

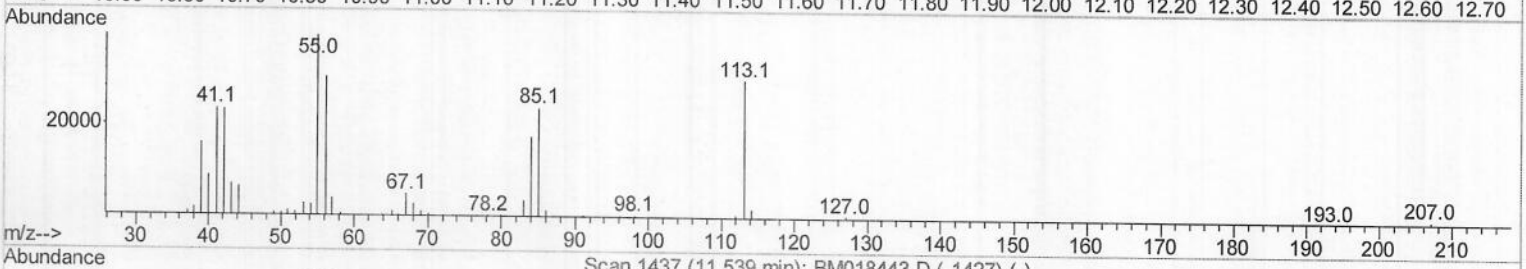

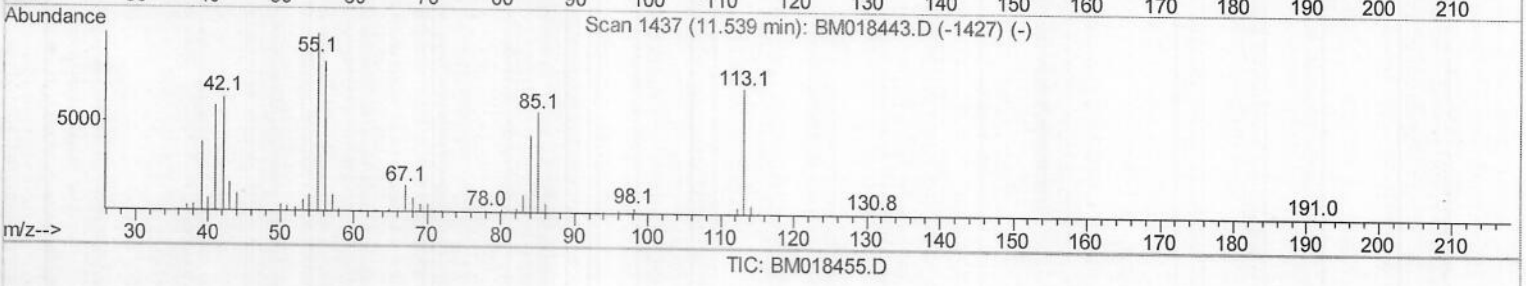

TIC: BM018455.D

(32) Caprolactam

11.528min (-0.012) 19.12ng/ul m

response 118766

SJ 1/8/19

Ion	Exp%	Act%
113.00	100	100
55.00	134.90	131.35
56.00	103.80	101.01
0.00	0.00	0.00

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Manual Integrations APPROVED
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1/8/2019 5:39:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	319692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1338981	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	770480	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1758113	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1972405	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1978708	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	57216	8.34	ng/uL	0.00
5) Phenol-d5	6.94	99	495114	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	286874	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	443028	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	400002	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	207845	20.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	209048	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	435970	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	357564	21.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1317591	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1657383	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	226785	19.87	ng/ul	0.00
57) Fluorene-d10	15.40	176	1151574	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	178498	18.54	ng/ul	0.00
70) Anthracene-d10	17.26	188	1754813	20.52	ng/ul	0.00
78) Pyrene-d10	19.56	212	1943594	19.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2200349	20.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	54325	7.672	ng/uL	97
4) Benzaldehyde	6.92	77	93173	21.051	ng/ul	96
6) Phenol	6.96	94	491220	20.010	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	373498	19.693	ng/ul	99
10) 2-Chlorophenol	7.33	128	439900	20.097	ng/ul	96
11) 2-Methylphenol	8.21	108	372075	19.271	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	475515	19.672	ng/ul	98
14) Acetophenone	8.59	105	646342	20.550	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	302927	20.137	ng/ul	97
16) 4-Methylphenol	8.53	108	406515	20.055	ng/ul	99
17) Hexachloroethane	8.83	117	186009	20.553	ng/ul	94
20) Nitrobenzene	8.97	77	451303	20.178	ng/ul	99
21) Isophorone	9.49	82	820297	19.718	ng/ul	100
23) 2-Nitrophenol	9.67	139	229213	20.264	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	475329	20.316	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	508122	19.709	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	413997	20.370	ng/ul	100
28) Naphthalene	10.60	128	1374549	20.091	ng/ul	99
30) 4-Chloroaniline	10.73	127	335702	20.867	ng/ul	99
31) Hexachlorobutadiene	10.87	225	294439	21.258	ng/ul	98
32) Caprolactam	11.53	113	118766m	19.121	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	423482	20.606	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	1004669	20.042	ng/ul	99

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1/8/2019 5:39:12 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	529311	20.223 ng/ul	96
37) Hexachlorocyclopentadiene	12.56	237	323518	20.531 ng/ul	99
38) 2,4,6-Trichlorophenol	12.83	196	327579	20.409 ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	345230	19.826 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	1286066	20.015 ng/ul	99
41) 2-Chloronaphthalene	13.28	162	1020011	20.031 ng/ul	98
42) 2-Nitroaniline	13.50	65	244533	20.176 ng/ul	99
44) Dimethylphthalate	13.87	163	1297848	20.161 ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	246184	20.507 ng/ul	96
47) Acenaphthylene	14.13	152	1517933	20.071 ng/ul	100
48) 3-Nitroaniline	14.33	138	210122	19.542 ng/ul	90
49) Acenaphthene	14.47	153	1087361	20.097 ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	104630	18.125 ng/ul	98
52) 4-Nitrophenol	14.65	109	195170	20.633 ng/ul	98
53) Dibenzofuran	14.81	168	1538327	20.280 ng/ul	100
54) 2,4-Dinitrotoluene	14.78	165	369044	20.912 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	299832	20.423 ng/ul	96
56) Diethylphthalate	15.23	149	1308813	20.196 ng/ul	99
58) Fluorene	15.46	166	1228538	19.978 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	642151	20.406 ng/ul	99
60) 4-Nitroaniline	15.50	138	240194	18.797 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.54	198	193173	18.938 ng/ul	98
64) N-Nitrosodiphenylamine	15.67	169	1074309	20.249 ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	379362	20.084 ng/ul	98
66) Hexachlorobenzene	16.45	284	425617	20.417 ng/ul	99
67) Atrazine	16.63	200	375109	20.041 ng/ul	97
68) Pentachlorophenol	16.80	266	226593	19.154 ng/ul	97
69) Phenanthrene	17.20	178	2000629	20.234 ng/ul	99
71) Anthracene	17.29	178	2021505	20.233 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	514095	20.173 ng/uL	99
73) Pentachlorobenzene	14.72	250	502232	20.587 ng/uL	97
74) Carbazole	17.57	167	1795611	20.442 ng/ul	100
75) Di-n-butylphthalate	18.13	149	2108162	19.852 ng/ul	100
76) Fluoranthene	19.22	202	2360749	21.368 ng/ul	99
79) Pyrene	19.59	202	2421546	19.399 ng/ul	99
80) Butylbenzylphthalate	20.49	149	977791	18.938 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.27	252	812305	19.823 ng/ul	99
82) Benzo(a)anthracene	21.33	228	2508365	19.907 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1401967	18.253 ng/ul#	99
84) Chrysene	21.39	228	2350824	19.978 ng/ul	100
86) Di-n-octyl phthalate	22.16	149	2449158	19.675 ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2520069	20.518 ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	2424210	20.499 ng/ul	99
90) Benzo(a)pyrene	23.54	252	2409463	20.495 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.95	276	2856101	20.615 ng/ul	99
92) Dibenzo(a,h)anthracene	25.97	278	2408244	20.873 ng/ul	98
93) Benzo(g,h,i)perylene	26.66	276	2375215	20.587 ng/ul	99

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