Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\

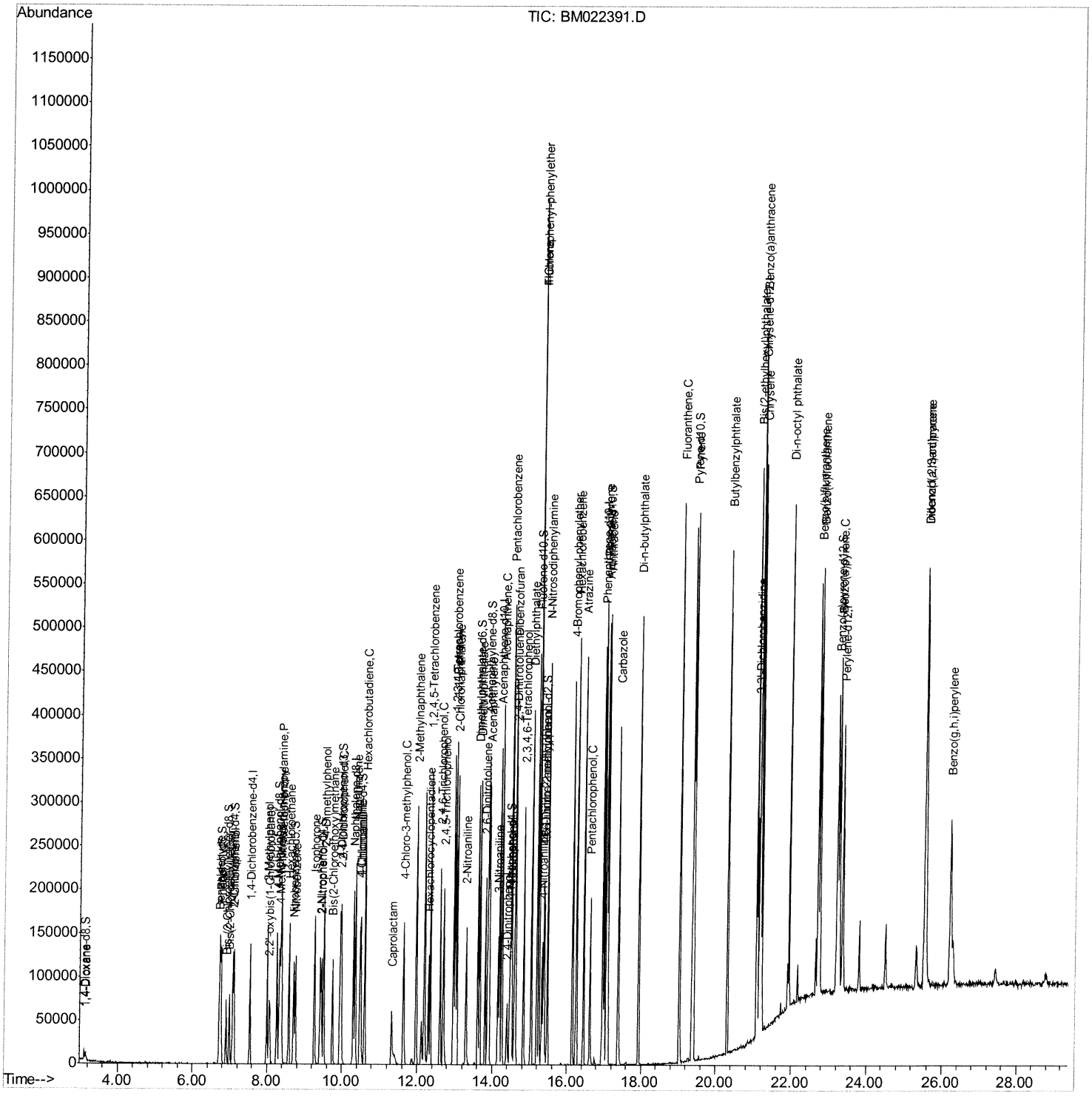
Quantitation Report (QT Reviewed)

Data File : BM022391.D
Acq On : 28 Aug 2019 20:03
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 07:19:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 07:08:15 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
8/30/2019 8:00:08 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\

Quantitation Report (Qedit)

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Misc :
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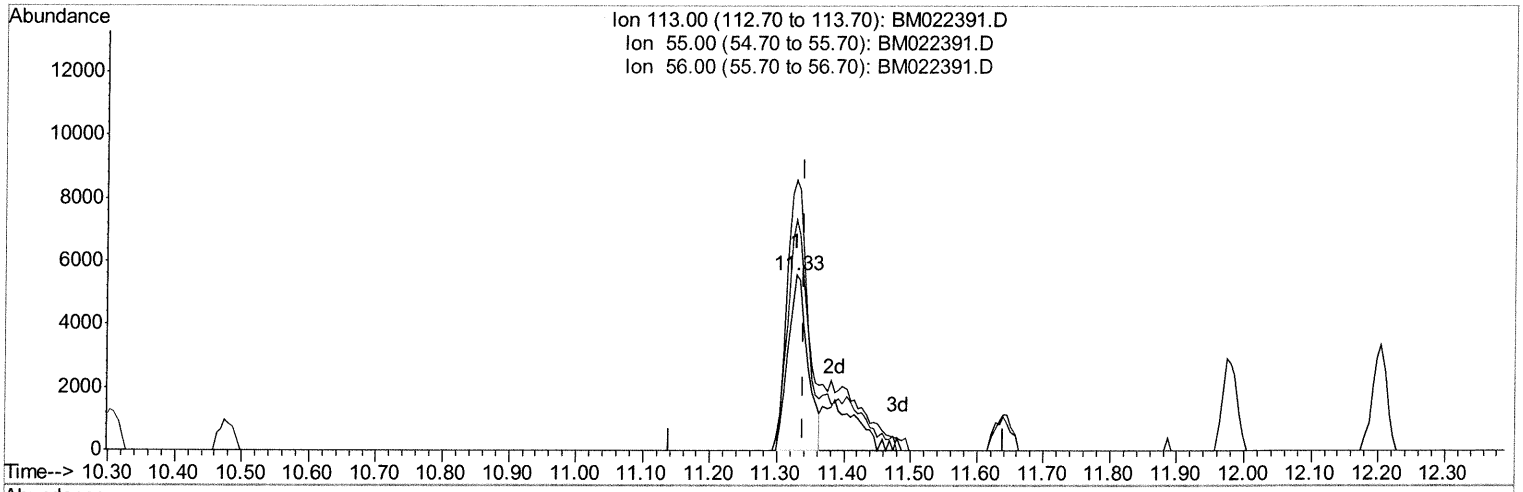

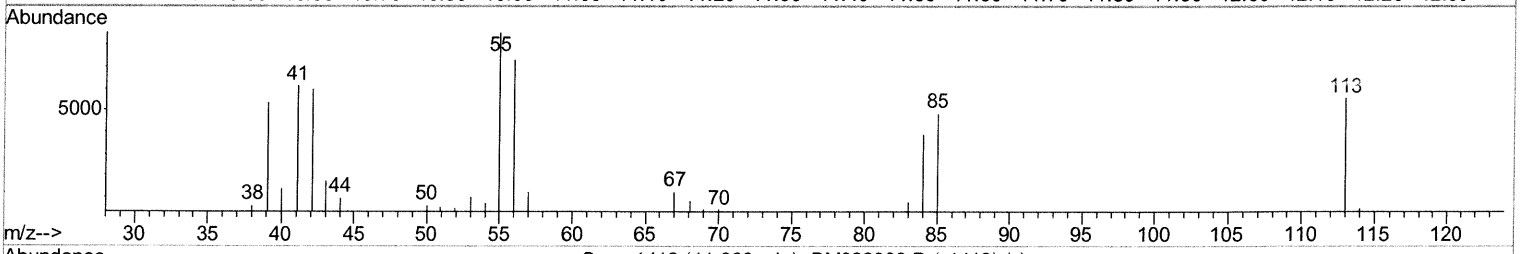

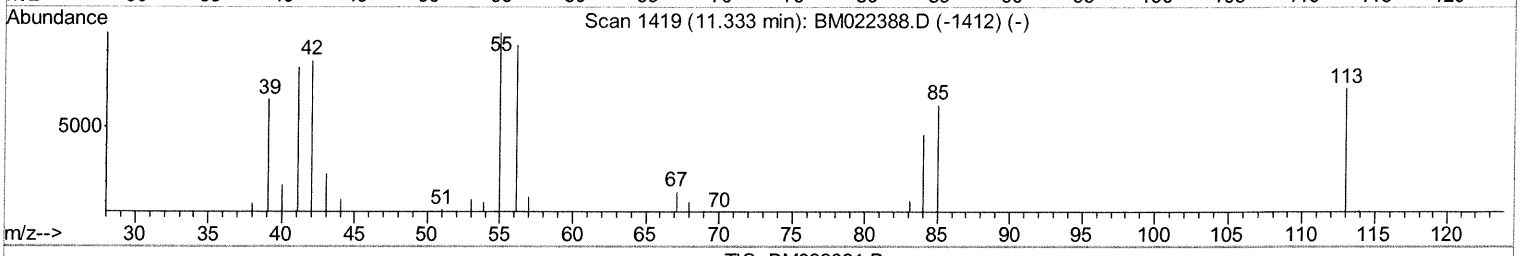

TIC: BM022391.D

(32) Caprolactam

11.327min (-0.012) 15.06ng/ul

response 11364

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	154.04
56.00	130.80	131.68
0.00	0.00	0.00

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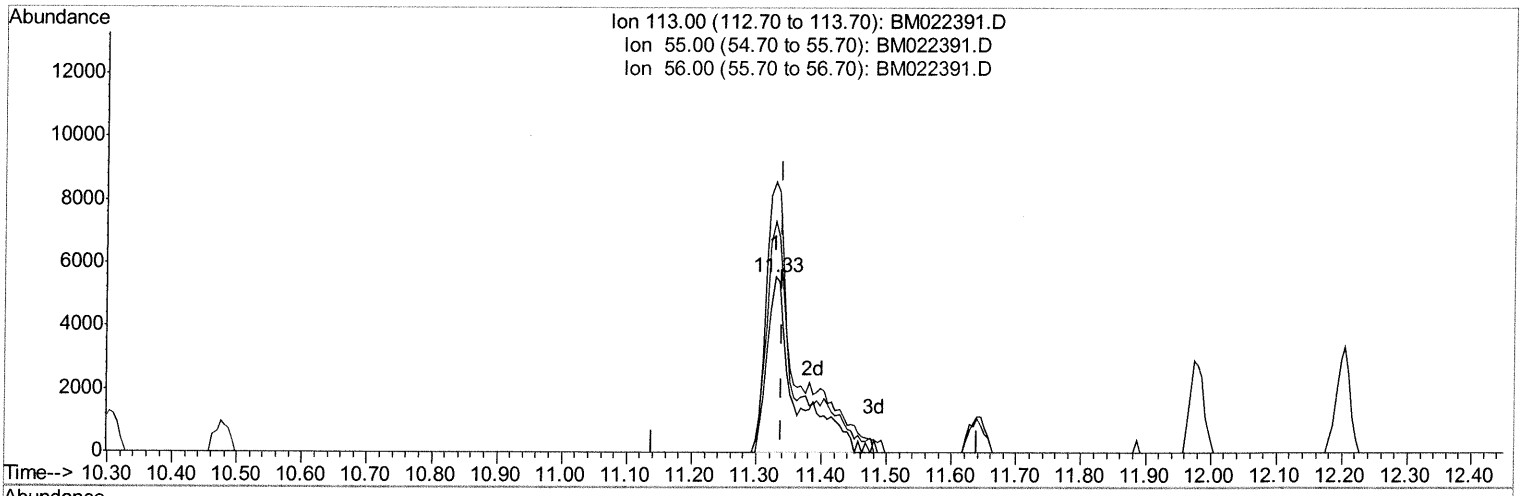

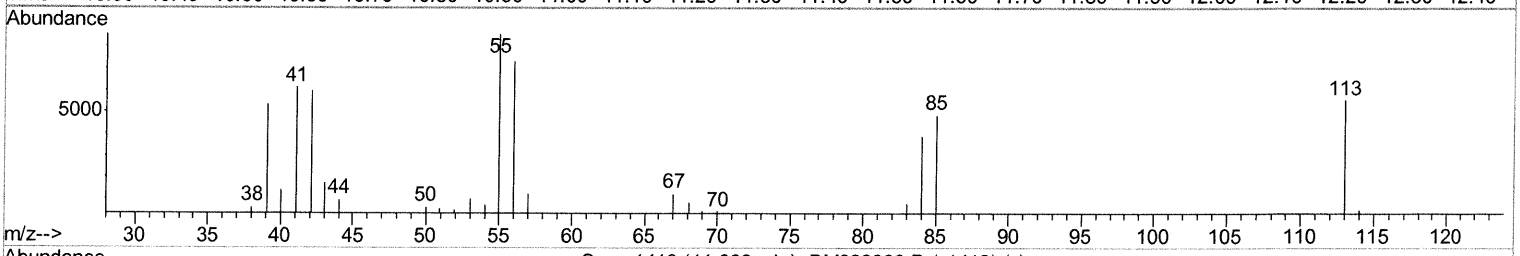

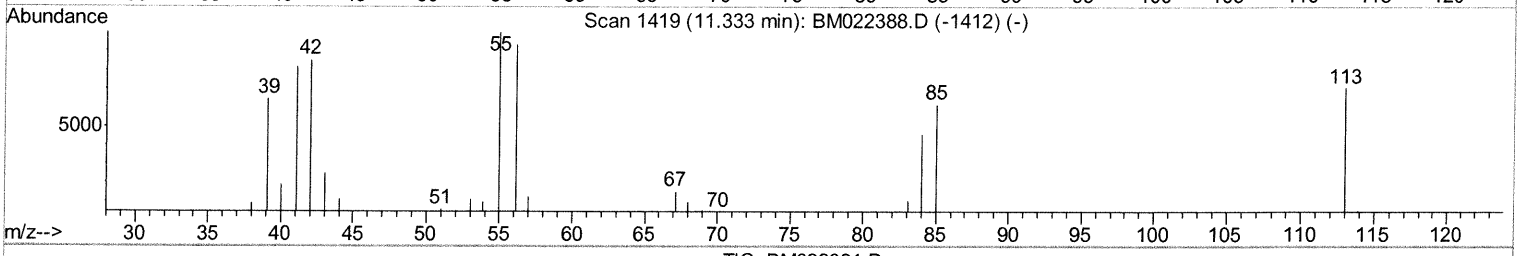

TIC: BM022391.D

(32) Caprolactam

11.327min (-0.012) 22.08ng/ul m JU 08/30/19

response 16666

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	154.04
56.00	130.80	131.68
0.00	0.00	0.00

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LabSampleId : SSTD02062

Manual Integrations APPROVED
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8/30/2019 8:00:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	29524	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.30	136	135877	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	102900	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	243961	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	234013	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	219261	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5507	8.35	ng/uL	0.00
5) Phenol-d5	6.73	99	49727	19.51	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.89	67	30197	20.37	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.07	132	43803	21.29	ng/ul	-0.01
13) 4-Methylphenol-d8	8.26	113	45303	20.51	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	21916	21.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	24470	20.75	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.95	165	54507	22.71	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.47	131	62808	21.51	ng/ul	-0.02
43) Dimethylphthalate-d6	13.62	166	180871	19.96	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	211428	21.66	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	18654	13.90	ng/ul	0.00
57) Fluorene-d10	15.20	176	157230	20.92	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	31767	16.87	ng/ul	-0.01
70) Anthracene-d10	17.06	188	267558	20.71	ng/ul	-0.02
78) Pyrene-d10	19.37	212	316122	25.99	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	243667	20.23	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	6000	8.484	ng/uL	96
4) Benzaldehyde	6.71	77	38500	26.249	ng/ul	96
6) Phenol	6.76	94	51913	19.027	ng/ul#	88
8) Bis(2-Chloroethyl)ether	6.99	93	37484	18.870	ng/ul	93
10) 2-Chlorophenol	7.10	128	44290	20.739	ng/ul	96
11) 2-Methylphenol	7.99	108	41689	19.402	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.05	45	48878	18.882	ng/ul	98
14) Acetophenone	8.37	105	73749	19.317	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.35	70	37975	19.651	ng/ul	99
16) 4-Methylphenol	8.32	108	44686	18.916	ng/ul	95
17) Hexachloroethane	8.57	117	22607	21.590	ng/ul	99
20) Nitrobenzene	8.75	77	62417	20.921	ng/ul	99
21) Isophorone	9.27	82	102505	18.851	ng/ul	99
23) 2-Nitrophenol	9.45	139	28105	21.700	ng/ul#	92
24) 2,4-Dimethylphenol	9.51	107	62297	20.510	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	57019	19.422	ng/ul	98
27) 2,4-Dichlorophenol	9.97	162	53092	21.829	ng/ul	99
28) Naphthalene	10.36	128	151062	20.145	ng/ul	100
30) 4-Chloroaniline	10.50	127	60594	19.940	ng/ul	95
31) Hexachlorobutadiene	10.60	225	56810	24.354	ng/ul	98
32) Caprolactam	11.33	113	16666m →	22.080	ng/ul	> JU 08/30/19
33) 4-Chloro-3-methylphenol	11.64	107	55662	20.730	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	118252	20.468	ng/ul	99

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8/30/2019 8:00:08 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	95824	22.517 ng/ul	96
37) Hexachlorocyclopentadiene	12.30	237	31206	15.804 ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	51886	21.712 ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	52739	20.177 ng/ul	98
40) 1,1'-Biphenyl	13.02	154	160450	19.160 ng/ul	97
41) 2-Chloronaphthalene	13.06	162	131463	20.141 ng/ul	98
42) 2-Nitroaniline	13.30	65	40831	20.471 ng/ul	97
44) Dimethylphthalate	13.67	163	177382	19.237 ng/ul#	99
45) 2,6-Dinitrotoluene	13.81	165	34371	19.412 ng/ul	98
47) Acenaphthylene	13.92	152	192782	19.047 ng/ul	100
48) 3-Nitroaniline	14.15	138	31433	20.853 ng/ul	93
49) Acenaphthene	14.26	153	144802	20.151 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	16829	15.894 ng/ul	96
52) 4-Nitrophenol	14.48	109	44187	19.807 ng/ul	96
53) Dibenzofuran	14.60	168	209337	19.559 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	53546	19.564 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.84	232	57113	21.550 ng/ul	91
56) Diethylphthalate	15.04	149	189435	19.156 ng/ul	98
58) Fluorene	15.25	166	182203	20.212 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.25	204	122574	22.210 ng/ul	97
60) 4-Nitroaniline	15.33	138	30058	19.217 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.39	198	31222	15.458 ng/ul#	94
64) N-Nitrosodiphenylamine	15.47	169	149961	19.726 ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	77234	22.116 ng/ul	93
66) Hexachlorobenzene	16.25	284	82436	21.186 ng/ul	98
67) Atrazine	16.44	200	89536	22.614 ng/ul	96
68) Pentachlorophenol	16.62	266	35123	14.942 ng/ul	98
69) Phenanthrene	17.00	178	286973	19.663 ng/ul	99
71) Anthracene	17.09	178	294186	19.370 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	95050	21.904 ng/uL	97
73) Pentachlorobenzene	14.51	250	106198	22.560 ng/uL	98
74) Carbazole	17.39	167	231002	16.840 ng/ul	99
75) Di-n-butylphthalate	17.93	149	327290	18.677 ng/ul	99
76) Fluoranthene	19.03	202	375729	17.084 ng/ul#	96
79) Pyrene	19.40	202	369447	24.391 ng/ul#	95
80) Butylbenzylphthalate	20.31	149	140912	21.981 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.10	252	105400	17.314 ng/ul	98
82) Benzo(a)anthracene	21.16	228	357046	20.272 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	205521	21.305 ng/ul#	96
84) Chrysene	21.21	228	326904	19.851 ng/ul	99
86) Di-n-octyl phthalate	21.94	149	309611	19.053 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	306279	20.081 ng/ul#	98
88) Benzo(k)fluoranthene	22.75	252	306282	20.707 ng/ul#	97
90) Benzo(a)pyrene	23.27	252	289970	19.945 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.54	276	342127	20.266 ng/ul#	96
92) Dibenzo(a,h)anthracene	25.55	278	284487	19.850 ng/ul	98
93) Benzo(g,h,i)perylene	26.21	276	265454	20.612 ng/ul	98

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