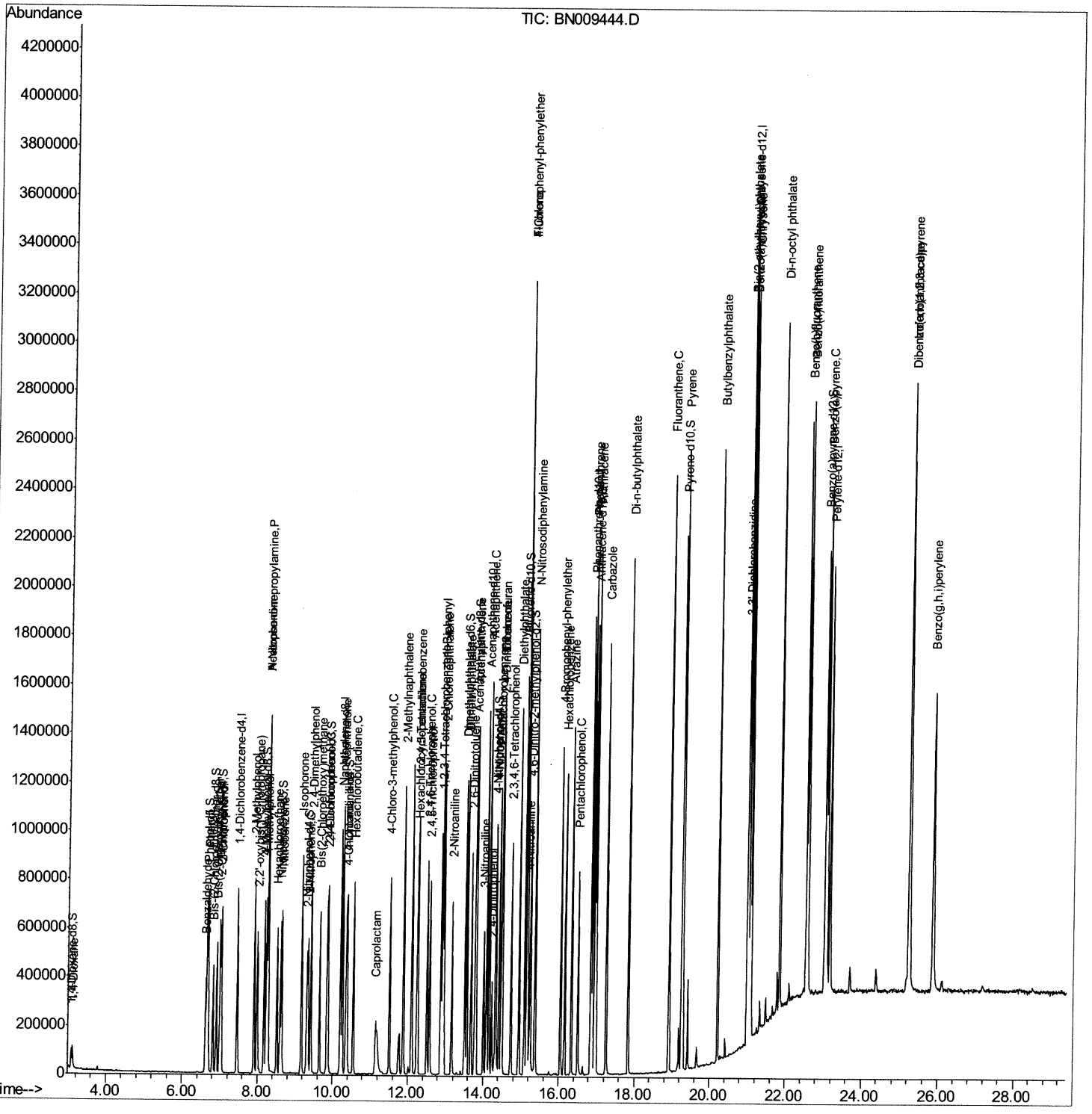
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012820\
Data File : BN009444.D
Acq On : 28 Jan 2020 10:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 28 11:39:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
1/30/2020 8:03:29 AM



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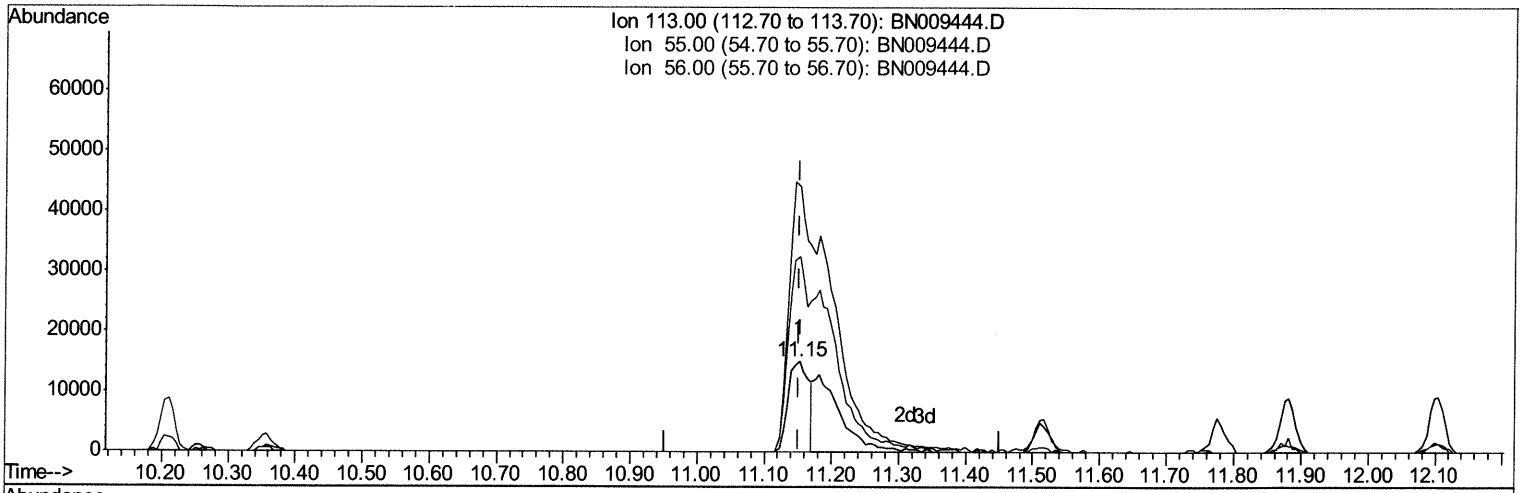

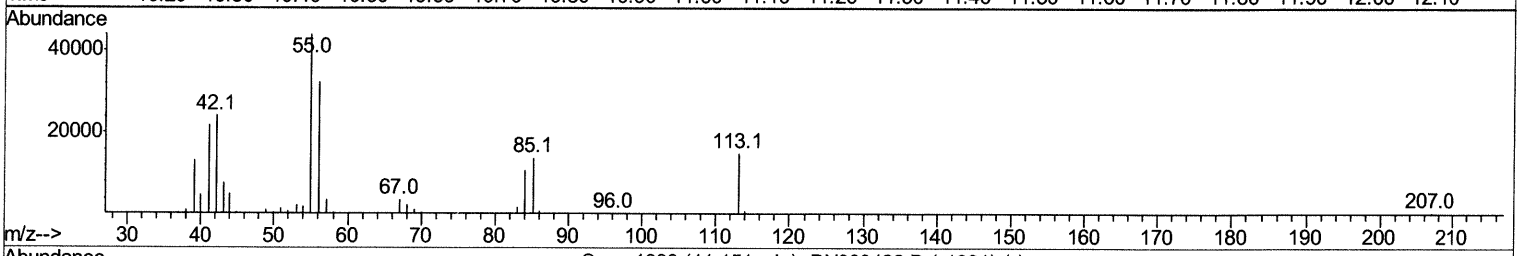

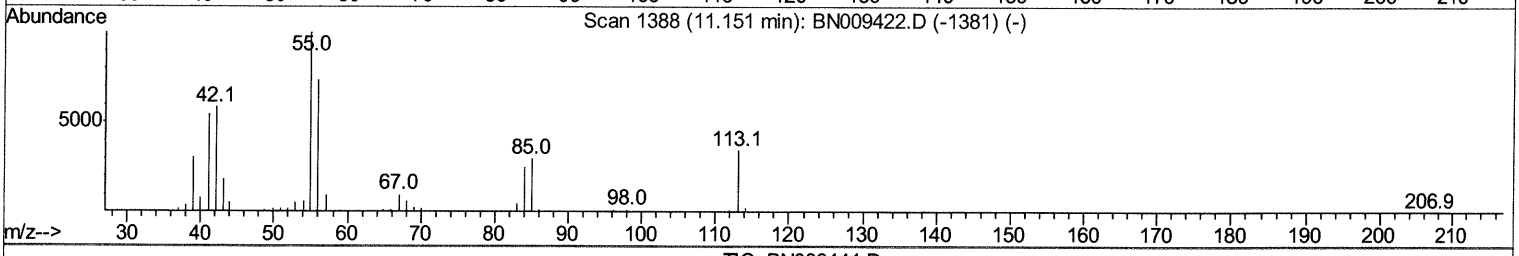

TIC: BN009444.D

(32) Caprolactam

11.151min (-0.000) 9.05ng/ul

response 32318

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	293.00
56.00	196.90	215.91
0.00	0.00	0.00

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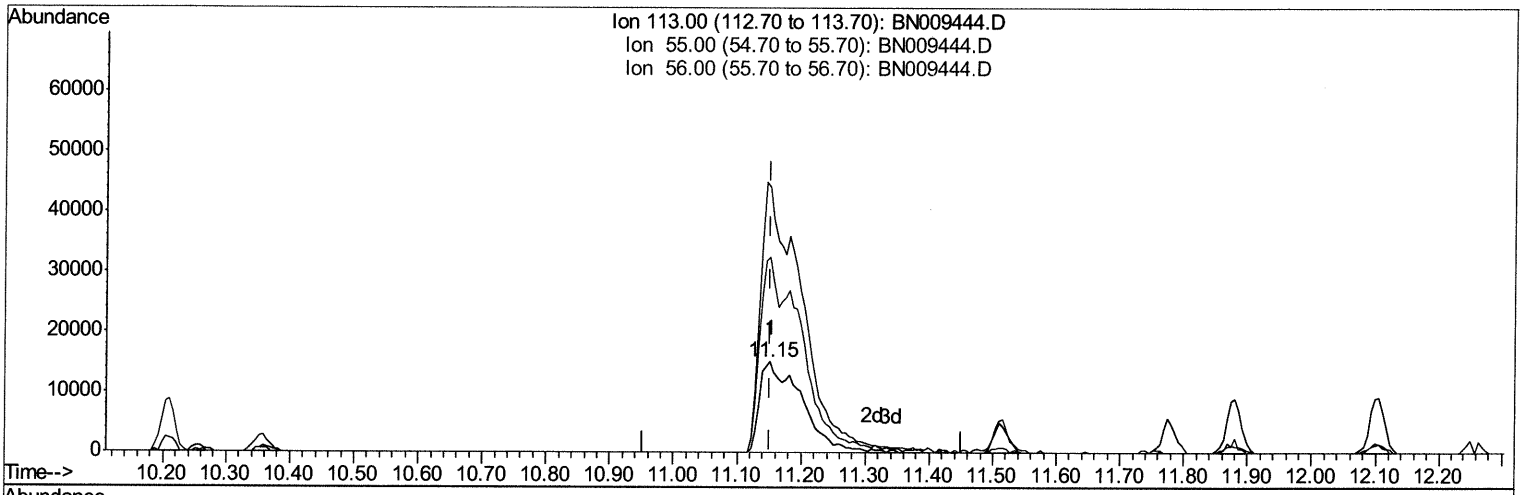

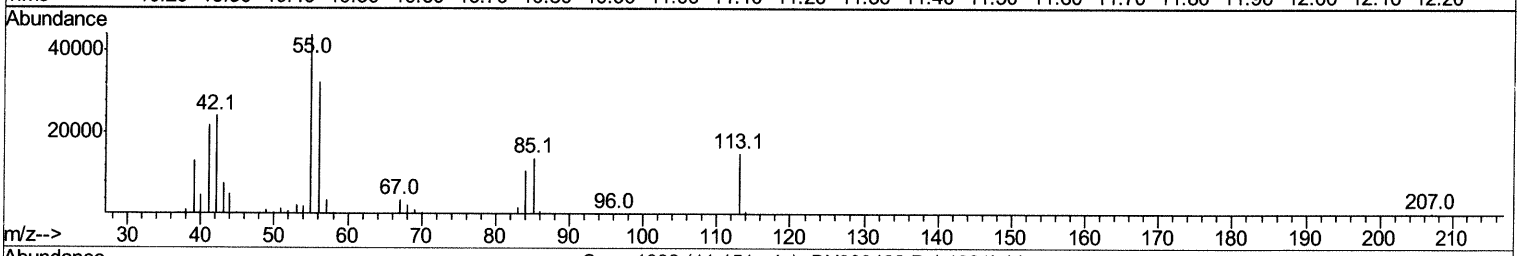

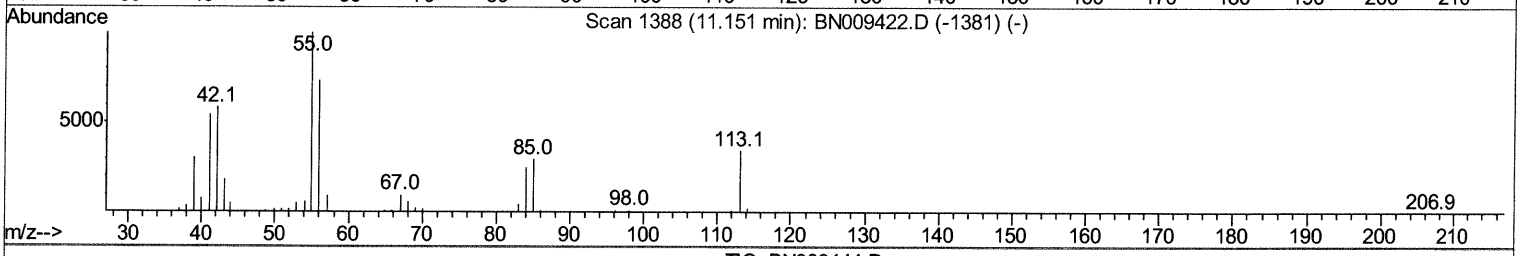

TIC: BN009444.D

(32) Caprolactam

11.151min (-0.000) 19.09ng/ul m JU 01/29/20

response 68134

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	293.00
56.00	196.90	215.91
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	7.46	152	170595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	703346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	451665	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	1000200	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	971183	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	1075534	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	32973	7.99	ng/uL	0.00
5) Phenol-d5	6.65	99	272417	18.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	200356	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	221986	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	218619	18.16	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	101550	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	111359	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	218864	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	258639	20.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	688507	20.60	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	808732	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	124410	20.00	ng/ul	0.00
57) Fluorene-d10	15.09	176	589161	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	112566	18.58	ng/ul	0.00
70) Anthracene-d10	16.95	188	946115	20.45	ng/ul	0.00
78) Pyrene-d10	19.25	212	1069695	20.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	1145367	21.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	34711	7.560	ng/uL	97
4) Benzaldehyde	6.62	77	116769	14.706	ng/ul	98
6) Phenol	6.68	94	289159	18.245	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	236642	18.617	ng/ul	99
10) 2-Chlorophenol	7.03	128	224323	19.522	ng/ul	98
11) 2-Methylphenol	7.90	108	212294	18.139	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.99	45	633852	18.979	ng/ul	98
14) Acetophenone	8.27	105	359317	18.471	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	190019	17.987	ng/ul	94
16) 4-Methylphenol	8.23	108	232783	18.162	ng/ul	96
17) Hexachloroethane	8.51	117	102779	19.308	ng/ul	99
20) Nitrobenzene	8.64	77	301754	20.055	ng/ul	97
21) Isophorone	9.16	82	512389	19.200	ng/ul	99
23) 2-Nitrophenol	9.34	139	124672	21.097	ng/ul	99
24) 2,4-Dimethylphenol	9.42	107	268497	19.800	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	313488	19.185	ng/ul	96
27) 2,4-Dichlorophenol	9.87	162	216173	20.749	ng/ul	97
28) Naphthalene	10.26	128	757188	20.005	ng/ul	98
30) 4-Chloroaniline	10.38	127	261415	20.191	ng/ul	99
31) Hexachlorobutadiene	10.55	225	143559	20.078	ng/ul	98
32) Caprolactam	11.15	113	68134m >	19.089	ng/ul >	97
33) 4-Chloro-3-methylphenol	11.51	107	250070	19.781	ng/ul	97
34) 2-Methylnaphthalene	11.88	142	516639	19.827	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	260863	19.981 ng/ul	98
37) Hexachlorocyclopentadiene	12.24	237	139976	17.600 ng/ul	98
38) 2,4,6-Trichlorophenol	12.51	196	166916	20.684 ng/ul	97
39) 2,4,5-Trichlorophenol	12.59	196	174195	19.621 ng/ul	95
40) 1,1'-Biphenyl	12.92	154	676849	19.790 ng/ul	98
41) 2-Chloronaphthalene	12.95	162	542182	20.078 ng/ul	94
42) 2-Nitroaniline	13.17	65	197995	20.079 ng/ul	97
44) Dimethylphthalate	13.56	163	695833	20.220 ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	135450	20.686 ng/ul	95
47) Acenaphthylene	13.81	152	873810	20.408 ng/ul	99
48) 3-Nitroaniline	14.01	138	109523	17.917 ng/ul	99
49) Acenaphthene	14.16	153	583146	19.963 ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	66369	17.460 ng/ul	86
52) 4-Nitrophenol	14.33	109	116149	20.171 ng/ul	97
53) Dibenzofuran	14.50	168	819254	20.186 ng/ul	100
54) 2,4-Dinitrotoluene	14.48	165	208795	21.379 ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.73	232	159102	20.972 ng/ul#	94
56) Diethylphthalate	14.95	149	722147	20.519 ng/ul	100
58) Fluorene	15.15	166	687643	20.220 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.16	204	336700	20.085 ng/ul	94
60) 4-Nitroaniline	15.18	138	121611	17.618 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.25	198	123759	19.197 ng/ul	95
64) N-Nitrosodiphenylamine	15.37	169	594099	20.061 ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	194443	19.289 ng/ul	95
66) Hexachlorobenzene	16.16	284	207202	18.529 ng/ul	97
67) Atrazine	16.34	200	197798	18.255 ng/ul	97
68) Pentachlorophenol	16.50	266	123861	19.055 ng/ul	88
69) Phenanthrene	16.89	178	1162334	20.596 ng/ul	99
71) Anthracene	16.98	178	1198443	20.857 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.88	216	260068	18.985 ng/uL	95
73) Pentachlorobenzene	14.42	250	241554	18.140 ng/uL	99
74) Carbazole	17.25	167	1029209	20.922 ng/ul	99
75) Di-n-butylphthalate	17.84	149	1257277	20.920 ng/ul	99
76) Fluoranthene	18.92	202	1372383	21.213 ng/ul	99
79) Pyrene	19.28	202	1439103	20.465 ng/ul	99
80) Butylbenzylphthalate	20.21	149	589921	21.737 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.98	252	369839	18.067 ng/ul	99
82) Benzo(a)anthracene	21.04	228	1394753	21.089 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.00	149	904640	21.976 ng/ul#	98
84) Chrysene	21.09	228	1358326	21.084 ng/ul	97
86) Di-n-octyl phthalate	21.86	149	1520586	19.765 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1425660	20.964 ng/ul	99
88) Benzo(k)fluoranthene	22.59	252	1373085	20.534 ng/ul	98
90) Benzo(a)pyrene	23.08	252	1296094	21.233 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.24	276	1533253	20.726 ng/ul	99
92) Dibenzo(a,h)anthracene	25.26	278	1303908	20.892 ng/ul	97
93) Benzo(g,h,i)perylene	25.87	276	1294671	21.040 ng/ul	98

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