Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009476.D
Acq On : 30 Jan 2020 16:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 00:36:48 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 :
SSTD02065

Manual Integrations APPROVED
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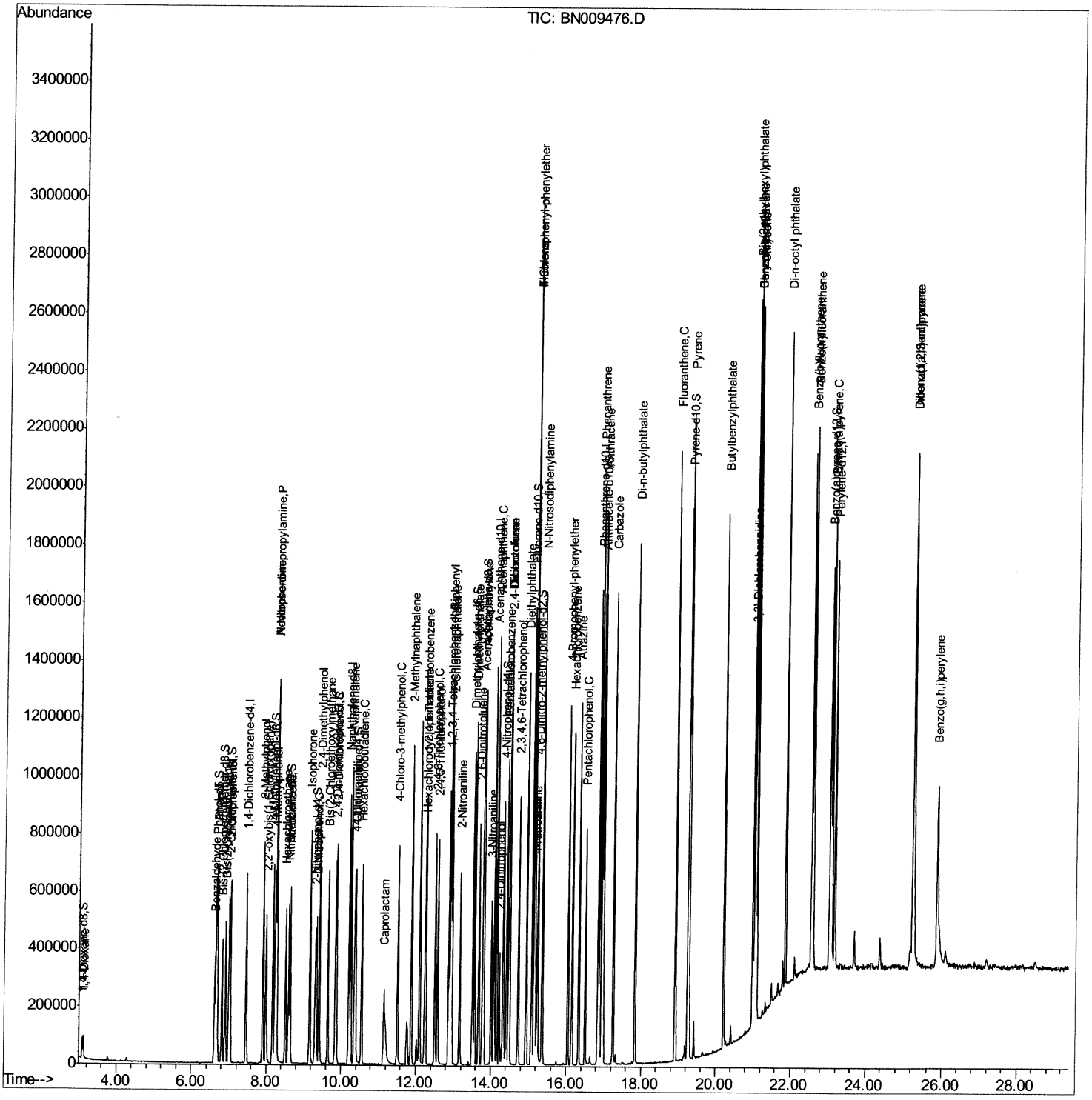

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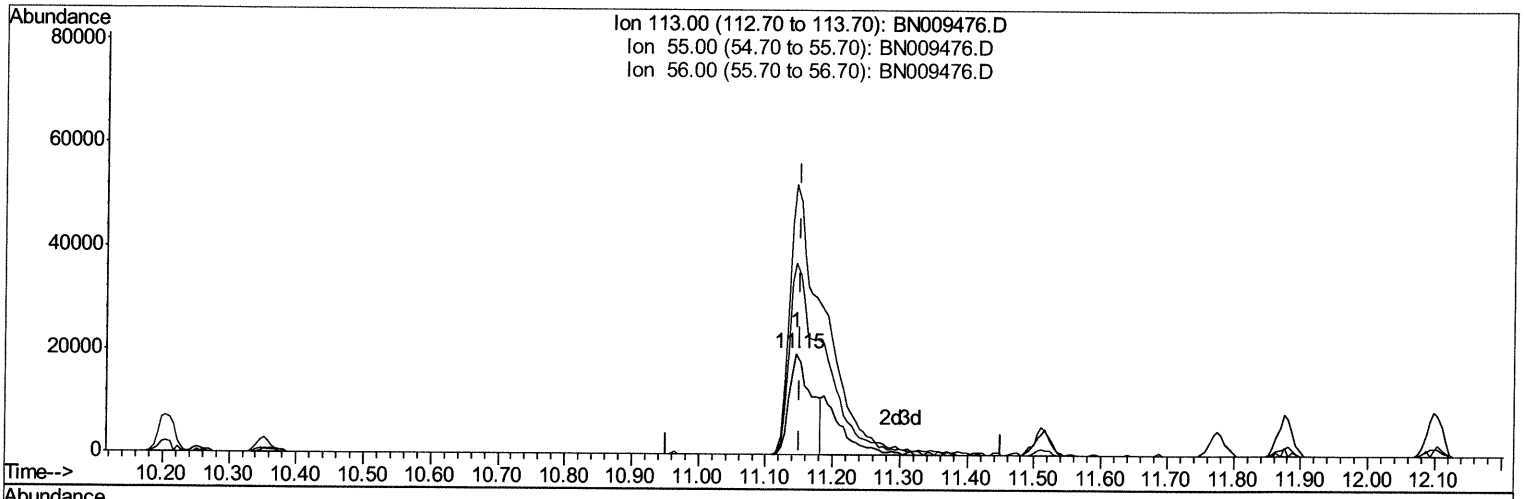

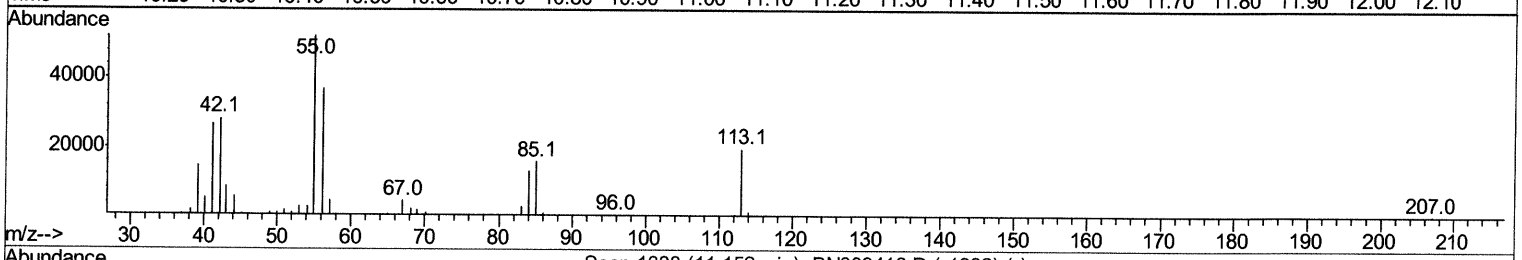

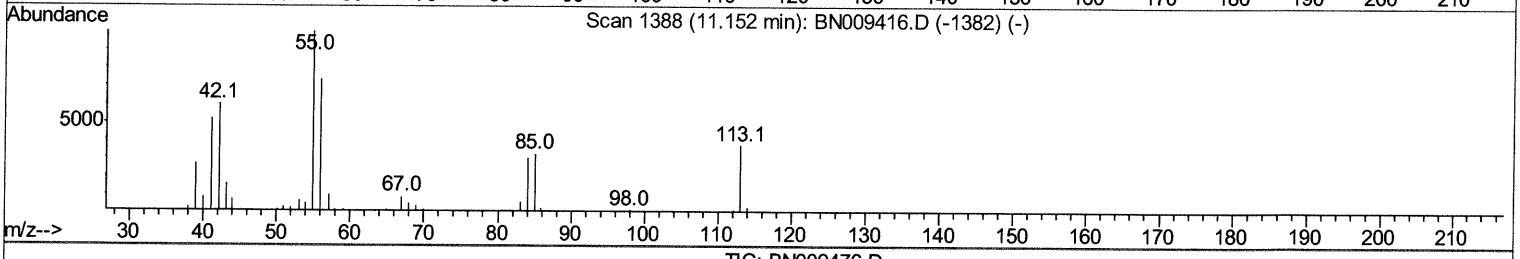

TIC: BN009476.D

(32) Caprolactam

11.146min (-0.006) 13.36ng/ul

response 45420

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	267.01
56.00	196.90	189.74
0.00	0.00	0.00

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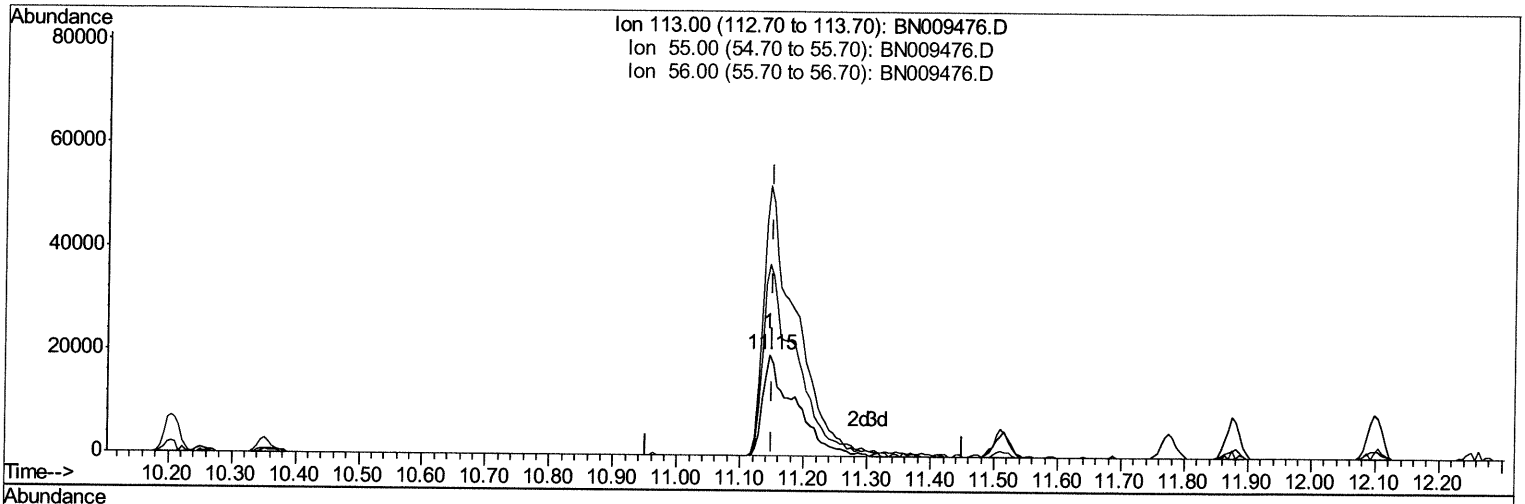

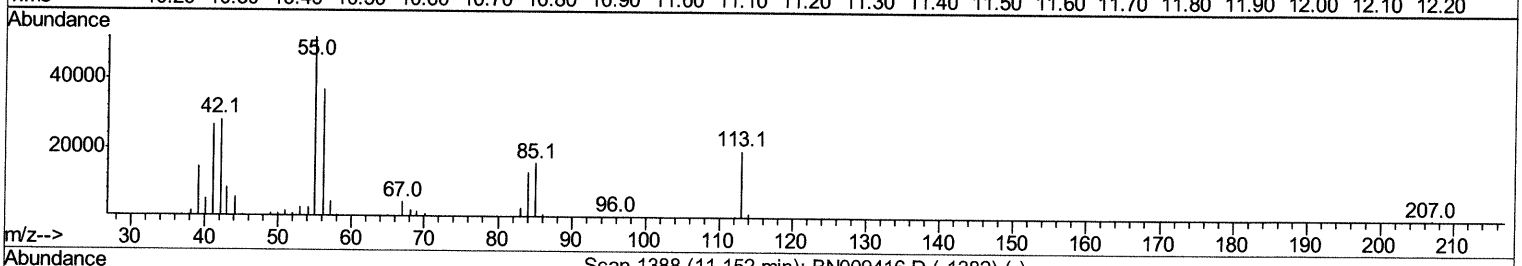

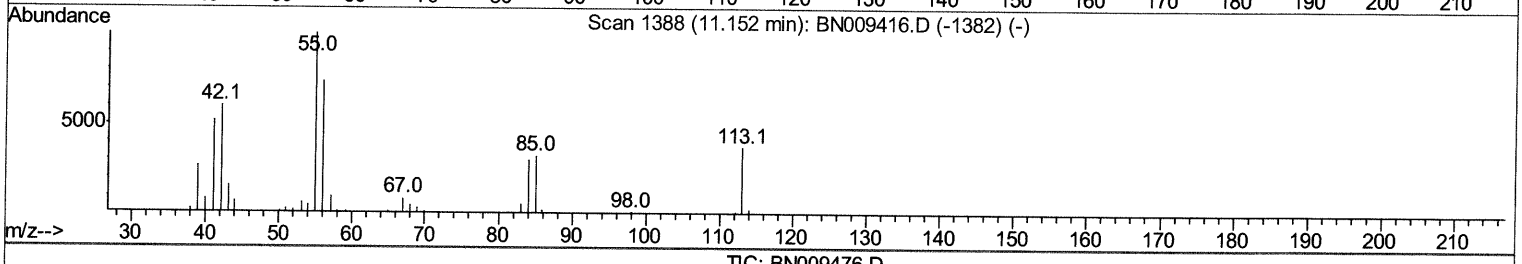

TIC: BN009476.D

(32) Caprolactam

11.146min (-0.006) 20.42ng/ul m JU 02/03/20

response 69444

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	267.01
56.00	196.90	189.74
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	152400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	670168	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	428046	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	877209	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	782734	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	822569	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	27933	7.58	ng/uL	0.00
5) Phenol-d5	6.65	99	266310	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	187060	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	209165	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	214186	19.91	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	101852	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	111717	21.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	213599	21.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	250673	20.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	640182	20.21	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	762322	20.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	115992	19.68	ng/ul	0.00
57) Fluorene-d10	15.09	176	561116	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	105368	19.84	ng/ul	0.00
70) Anthracene-d10	16.95	188	858184	21.15	ng/ul	0.00
78) Pyrene-d10	19.25	212	917779	21.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	874240	21.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	27859	6.792	ng/uL	93
4) Benzaldehyde	6.62	77	111061	15.657	ng/ul	92
6) Phenol	6.68	94	275515	19.459	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.90	93	225336	19.844	ng/ul	98
10) 2-Chlorophenol	7.03	128	209303	20.389	ng/ul	96
11) 2-Methylphenol	7.90	108	209850	20.070	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.99	45	550164	18.440	ng/ul	100
14) Acetophenone	8.27	105	338909	19.502	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	187682	19.887	ng/ul	95
16) 4-Methylphenol	8.23	108	226417	19.774	ng/ul	100
17) Hexachloroethane	8.51	117	91696	19.282	ng/ul	96
20) Nitrobenzene	8.63	77	285210	19.894	ng/ul	96
21) Isophorone	9.16	82	495522	19.488	ng/ul	99
23) 2-Nitrophenol	9.34	139	121771	21.626	ng/ul	91
24) 2,4-Dimethylphenol	9.41	107	259225	20.063	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	308945	19.843	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	207495	20.902	ng/ul	99
28) Naphthalene	10.26	128	721893	20.017	ng/ul	98
30) 4-Chloroaniline	10.38	127	255950	20.748	ng/ul	98
31) Hexachlorobutadiene	10.55	225	133337	19.572	ng/ul	97
32) Caprolactam	11.15	113	69444m >	20.420	ng/ul >	JU 02/03/20
33) 4-Chloro-3-methylphenol	11.51	107	240283	19.948	ng/ul	97
34) 2-Methylnaphthalene	11.88	142	495668	19.964	ng/ul	96

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2/3/2020 4:07:52 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	248527	20.087 ng/ul	97
37) Hexachlorocyclopentadiene	12.24	237	95353	12.651 ng/ul	96
38) 2,4,6-Trichlorophenol	12.51	196	162113	21.198 ng/ul	92
39) 2,4,5-Trichlorophenol	12.58	196	170294	20.240 ng/ul	89
40) 1,1'-Biphenyl	12.92	154	644246	19.877 ng/ul	99
41) 2-Chloronaphthalene	12.95	162	507196	19.819 ng/ul	96
42) 2-Nitroaniline	13.17	65	193483	20.704 ng/ul	98
44) Dimethylphthalate	13.56	163	646593	19.826 ng/ul	98
45) 2,6-Dinitrotoluene	13.68	165	132767	21.395 ng/ul	93
47) Acenaphthylene	13.81	152	813590	20.050 ng/ul	99
48) 3-Nitroaniline	14.01	138	116879	20.175 ng/ul	94
49) Acenaphthene	14.16	153	546103	19.726 ng/ul	96
50) 2,4-Dinitrophenol	14.23	184	66017	18.325 ng/ul	84
52) 4-Nitrophenol	14.33	109	103131	18.898 ng/ul	92
53) Dibenzofuran	14.49	168	764897	19.886 ng/ul	100
54) 2,4-Dinitrotoluene	14.48	165	194672	21.032 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.73	232	149953	20.857 ng/ul#	96
56) Diethylphthalate	14.95	149	677114	20.301 ng/ul	99
58) Fluorene	15.15	166	649243	20.144 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.15	204	313193	19.713 ng/ul	99
60) 4-Nitroaniline	15.18	138	133257	20.371 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.25	198	111888	19.789 ng/ul	98
64) N-Nitrosodiphenylamine	15.37	169	555311	21.380 ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	182017	20.588 ng/ul	98
66) Hexachlorobenzene	16.16	284	200792	20.473 ng/ul	94
67) Atrazine	16.33	200	179940	18.935 ng/ul	98
68) Pentachlorophenol	16.50	266	115194	20.206 ng/ul	90
69) Phenanthrene	16.89	178	1037346	20.958 ng/ul	99
71) Anthracene	16.97	178	1069360	21.219 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	247840	20.629 ng/uL	96
73) Pentachlorobenzene	14.42	250	234245	20.057 ng/uL	96
74) Carbazole	17.25	167	922101	21.373 ng/ul	100
75) Di-n-butylphthalate	17.84	149	1115319	21.160 ng/ul	99
76) Fluoranthene	18.91	202	1180785	20.810 ng/ul	99
79) Pyrene	19.27	202	1228699	21.680 ng/ul	98
80) Butylbenzylphthalate	20.21	149	478759	21.888 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.98	252	291501	17.668 ng/ul	98
82) Benzo(a)anthracene	21.04	228	1159863	21.760 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	653796	19.706 ng/ul	98
84) Chrysene	21.09	228	1103126	21.245 ng/ul	99
86) Di-n-octyl phthalate	21.85	149	1158933	19.697 ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	1064910	20.475 ng/ul	99
88) Benzo(k)fluoranthene	22.59	252	1080380	21.126 ng/ul	98
90) Benzo(a)pyrene	23.08	252	1000641	21.434 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.24	276	1115435	19.715 ng/ul	99
92) Dibenzo(a,h)anthracene	25.24	278	956615	20.041 ng/ul	97
93) Benzo(g,h,i)perylene	25.87	276	778446	16.542 ng/ul	97

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