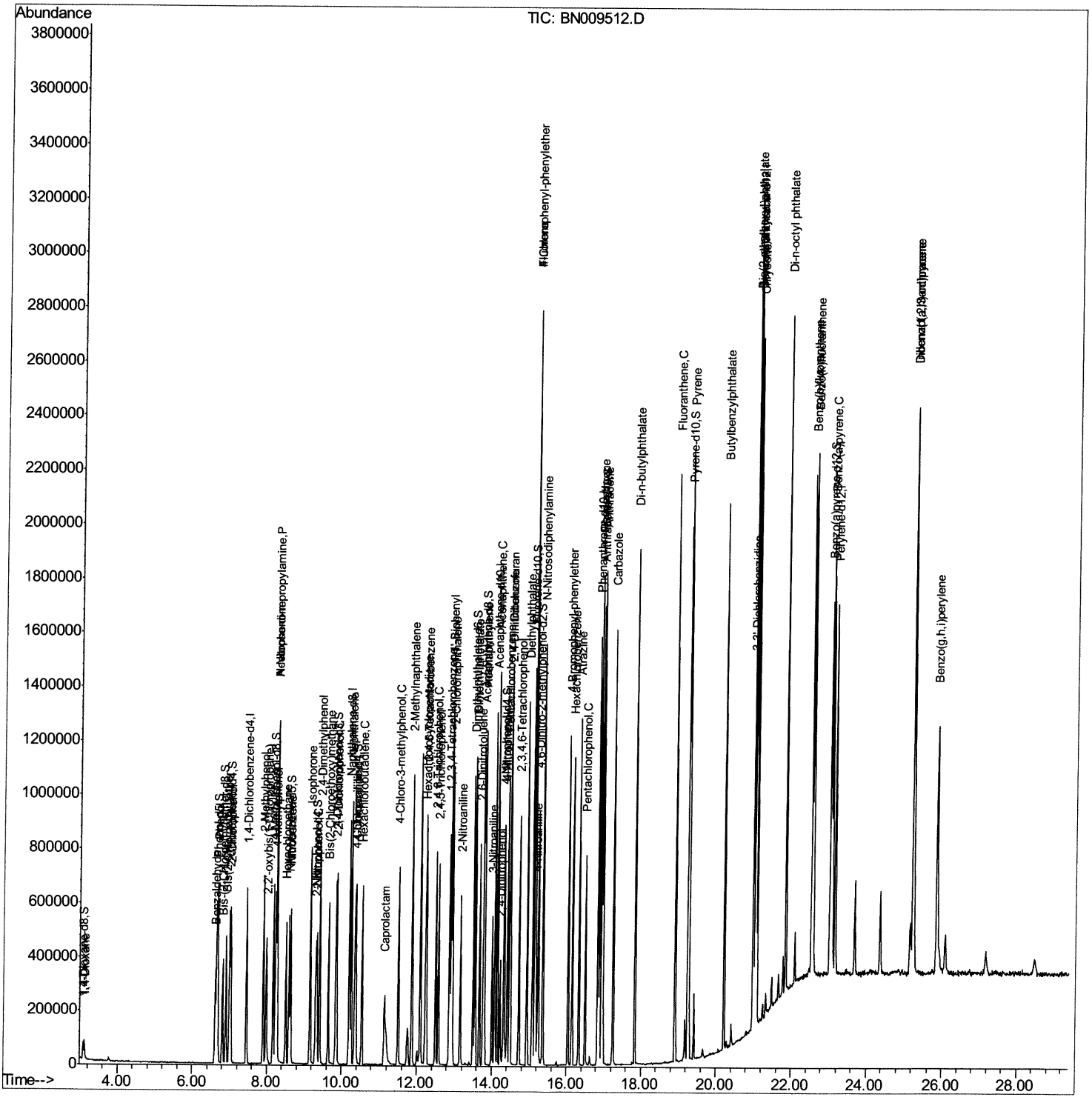
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009512.D
Acq On : 31 Jan 2020 15:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jan 31 22:45:47 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 :
SSTD02068

Manual Integrations APPROVED
mohammad
2/3/2020 4:08:47 PM



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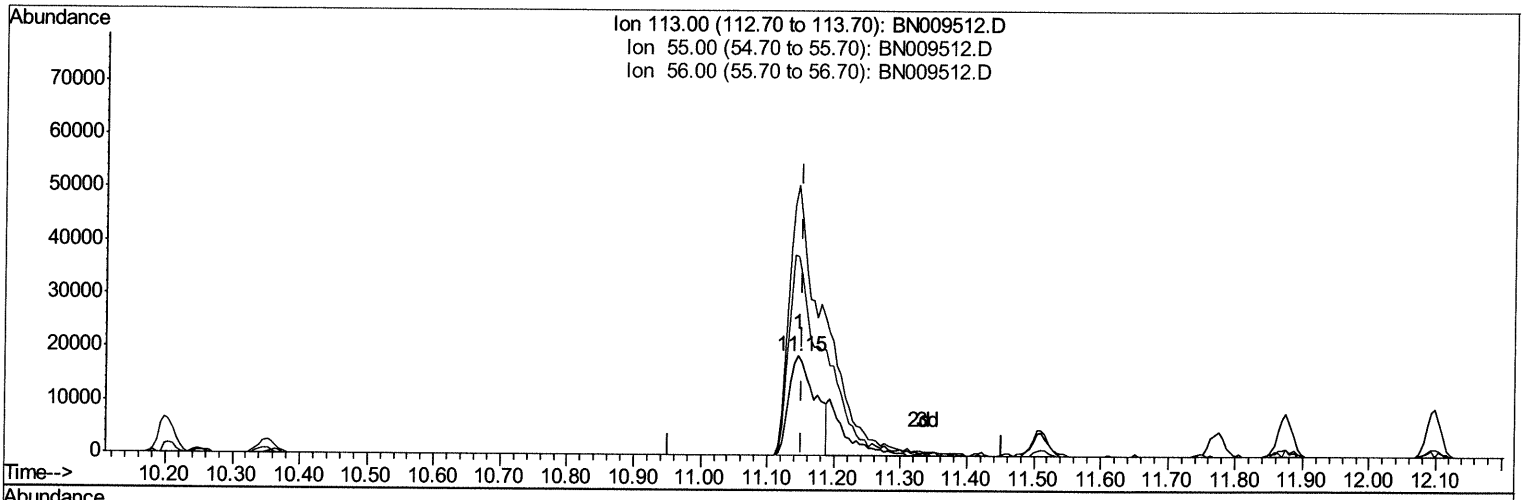

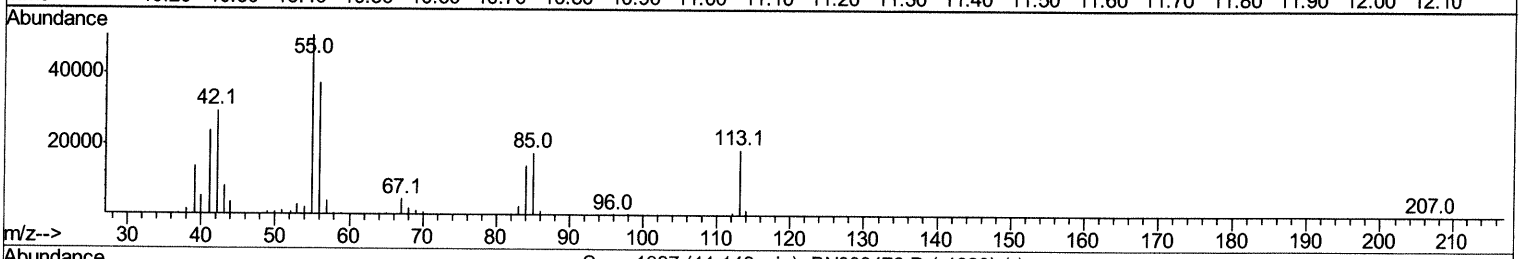

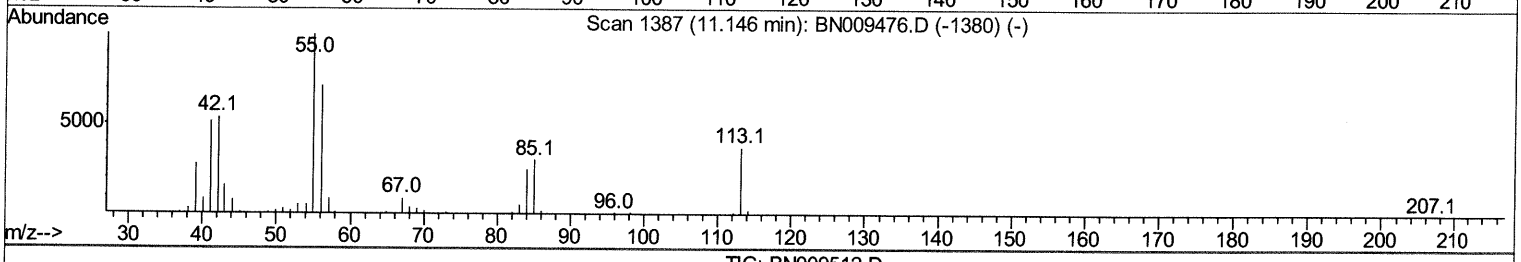

TIC: BN009512.D

(32) Caprolactam

11.146min (-0.006) 15.59ng/ul

response 51395

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	271.63
56.00	196.90	200.47
0.00	0.00	0.00

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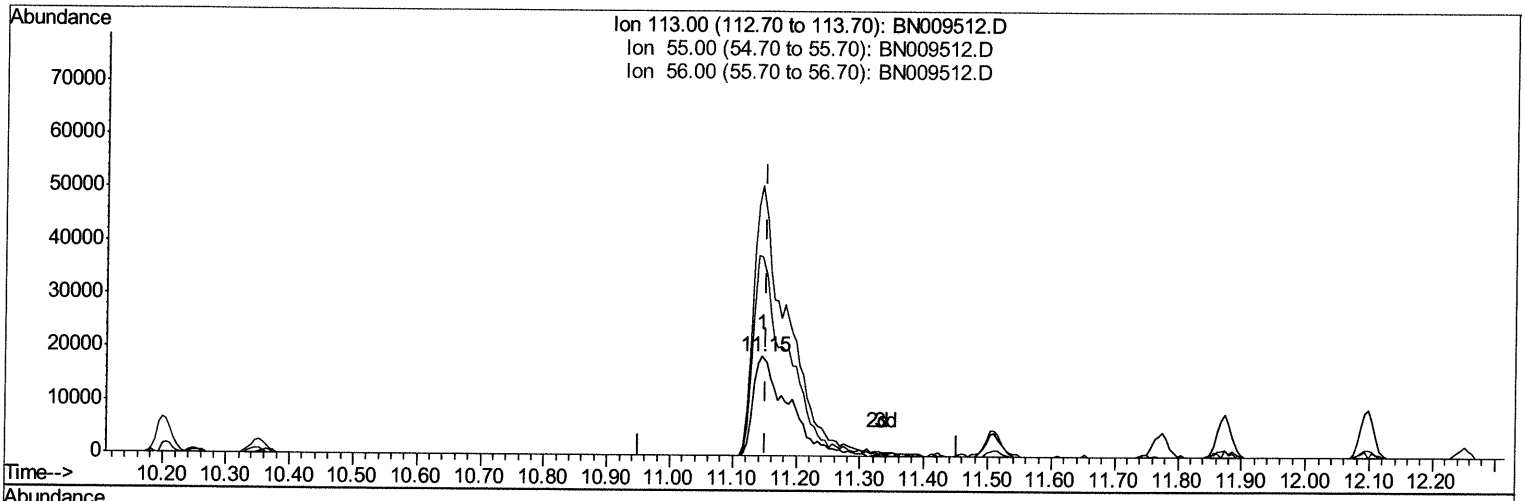

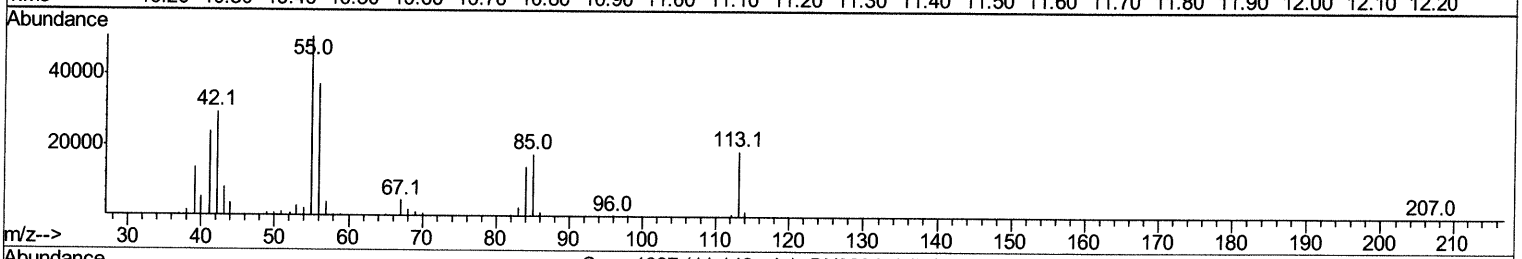

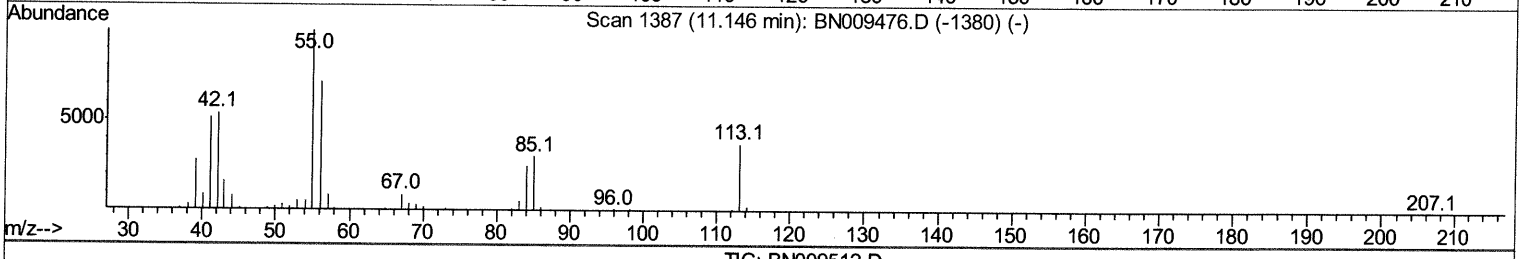

TIC: BN009512.D

(32) Caprolactam

11.146min (-0.006) 21.74ng/ul m JU 02/03/20

response 71662

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	271.63
56.00	196.90	200.47
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	7.45	152	150758	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	649711	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	419429	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.85	188	881486	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	803740	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	860118	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	28519	7.82	ng/uL	0.00
5) Phenol-d5	6.65	99	257483	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	177195	18.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	202420	20.74	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	206317	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	100288	21.22	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	109573	22.11	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.84	165	203098	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	250761	21.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	627144	20.20	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	742503	20.15	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	117949	20.42	ng/ul	0.00
57) Fluorene-d10	15.09	176	541668	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	110839	20.76	ng/ul	0.00
70) Anthracene-d10	16.94	188	861250	21.12	ng/ul	0.00
78) Pyrene-d10	19.25	212	922964	21.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	896842	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	30744	7.577	ng/uL	88
4) Benzaldehyde	6.62	77	107588	15.332	ng/ul	94
6) Phenol	6.68	94	269661	19.253	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	216293	19.255	ng/ul	99
10) 2-Chlorophenol	7.03	128	207968	20.480	ng/ul	95
11) 2-Methylphenol	7.90	108	199174	19.257	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	499297	16.918	ng/ul	99
14) Acetophenone	8.27	105	329595	19.172	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	179370	19.213	ng/ul	94
16) 4-Methylphenol	8.23	108	221779	19.580	ng/ul	96
17) Hexachloroethane	8.50	117	89490	19.023	ng/ul	98
20) Nitrobenzene	8.63	77	274209	19.729	ng/ul	98
21) Isophorone	9.16	82	490653	19.904	ng/ul	98
23) 2-Nitrophenol	9.33	139	119073	21.813	ng/ul	89
24) 2,4-Dimethylphenol	9.41	107	247357	19.747	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	296327	19.632	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	200423	20.825	ng/ul	98
28) Naphthalene	10.25	128	678936	19.418	ng/ul	98
30) 4-Chloroaniline	10.37	127	248342	20.765	ng/ul	99
31) Hexachlorobutadiene	10.55	225	127766	19.344	ng/ul	97
32) Caprolactam	11.15	113	71662m >	21.735	ng/ul >	JU 02/03/20
33) 4-Chloro-3-methylphenol	11.51	107	235130	20.135	ng/ul	95
34) 2-Methylnaphthalene	11.87	142	474818	19.727	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	238417	19.666 ng/ul	95
37) Hexachlorocyclopentadiene	12.23	237	155994	21.121 ng/ul	96
38) 2,4,6-Trichlorophenol	12.50	196	158755	21.185 ng/ul	99
39) 2,4,5-Trichlorophenol	12.58	196	171853	20.845 ng/ul	95
40) 1,1'-Biphenyl	12.91	154	629883	19.833 ng/ul	98
41) 2-Chloronaphthalene	12.95	162	497848	19.853 ng/ul	94
42) 2-Nitroaniline	13.16	65	187898	20.520 ng/ul	98
44) Dimethylphthalate	13.56	163	656923	20.556 ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	131750	21.668 ng/ul	91
47) Acenaphthylene	13.80	152	800744	20.138 ng/ul	98
48) 3-Nitroaniline	14.00	138	111319	19.610 ng/ul	98
49) Acenaphthene	14.15	153	524861	19.349 ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	71441	20.238 ng/ul#	81
52) 4-Nitrophenol	14.33	109	102248	19.121 ng/ul	94
53) Dibenzofuran	14.49	168	734151	19.479 ng/ul	97
54) 2,4-Dinitrotoluene	14.47	165	195186	21.521 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.73	232	153694	21.816 ng/ul#	96
56) Diethylphthalate	14.94	149	673726	20.614 ng/ul	99
58) Fluorene	15.15	166	637886	20.199 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.15	204	310007	19.914 ng/ul	95
60) 4-Nitroaniline	15.17	138	124596	19.438 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.25	198	120964	21.290 ng/ul	98
64) N-Nitrosodiphenylamine	15.37	169	545045	20.883 ng/ul	99
65) 4-Bromophenyl-phenylether	16.05	248	183408	20.644 ng/ul	96
66) Hexachlorobenzene	16.16	284	202667	20.564 ng/ul	98
67) Atrazine	16.33	200	185915	19.469 ng/ul	97
68) Pentachlorophenol	16.50	266	120833	21.092 ng/ul	87
69) Phenanthrene	16.89	178	1043311	20.976 ng/ul	97
71) Anthracene	16.97	178	1041498	20.566 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	244811	20.278 ng/uL	94
73) Pentachlorobenzene	14.42	250	232737	19.831 ng/uL	97
74) Carbazole	17.25	167	913309	21.066 ng/ul	99
75) Di-n-butylphthalate	17.83	149	1166610	22.026 ng/ul	99
76) Fluoranthene	18.91	202	1190340	20.877 ng/ul	99
79) Pyrene	19.27	202	1248702	21.457 ng/ul	100
80) Butylbenzylphthalate	20.20	149	530808	23.634 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.97	252	322328	19.026 ng/ul	96
82) Benzo(a)anthracene	21.03	228	1145444	20.928 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.00	149	774721	22.740 ng/ul	99
84) Chrysene	21.09	228	1122781	21.058 ng/ul	97
86) Di-n-octyl phthalate	21.85	149	1308070	21.261 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1120646	20.606 ng/ul	99
88) Benzo(k)fluoranthene	22.59	252	1106741	20.697 ng/ul	97
90) Benzo(a)pyrene	23.07	252	1026819	21.034 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.23	276	1218407	20.595 ng/ul	98
92) Dibenzo(a,h)anthracene	25.24	278	1019059	20.417 ng/ul	98
93) Benzo(g,h,i)perylene	25.86	276	980787	19.931 ng/ul	98

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