Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082916\
Data File : BM007340.D
Acq On : 30 Aug 2016 11:14
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 11:57:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 30 04:03:42 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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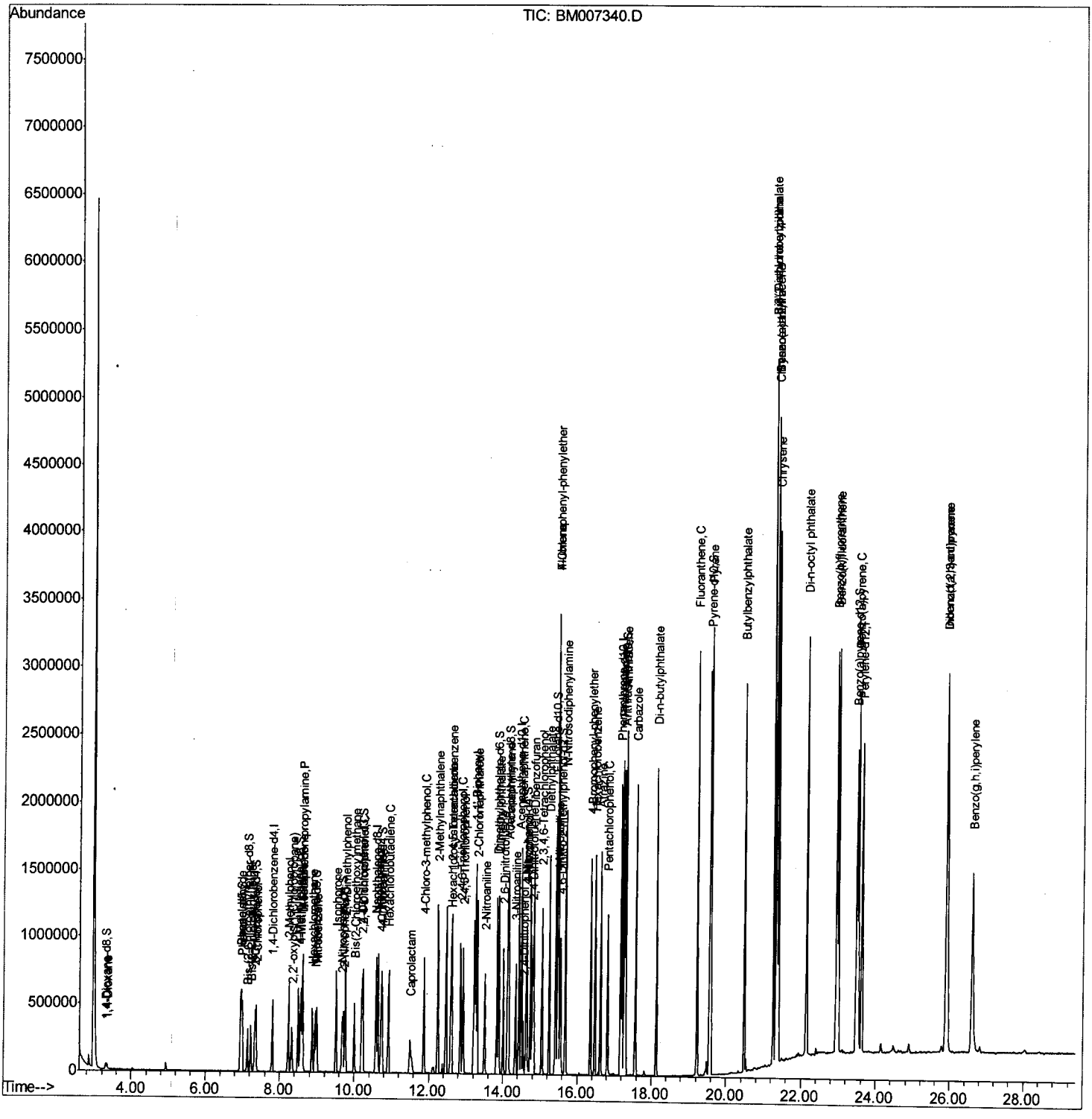

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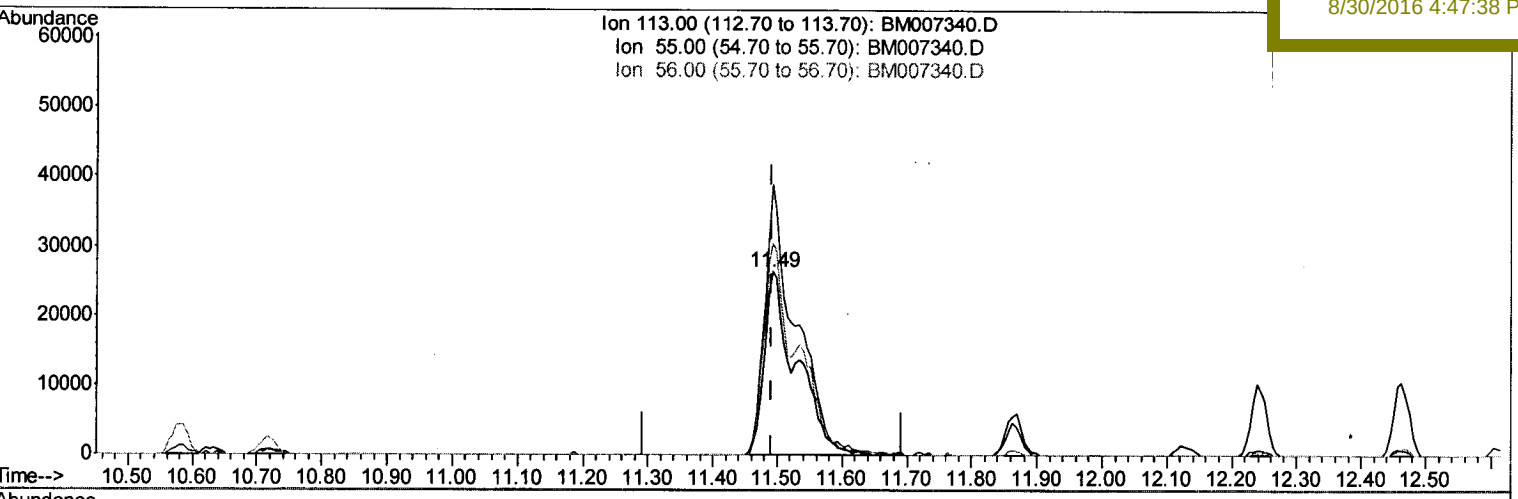

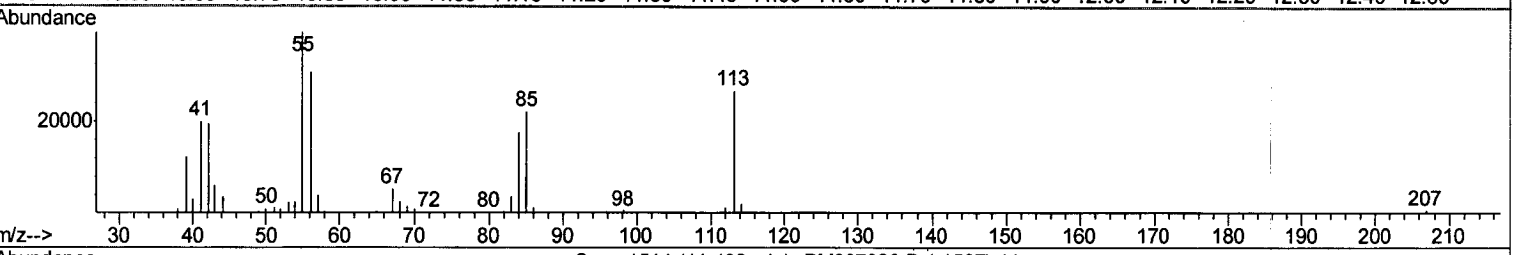

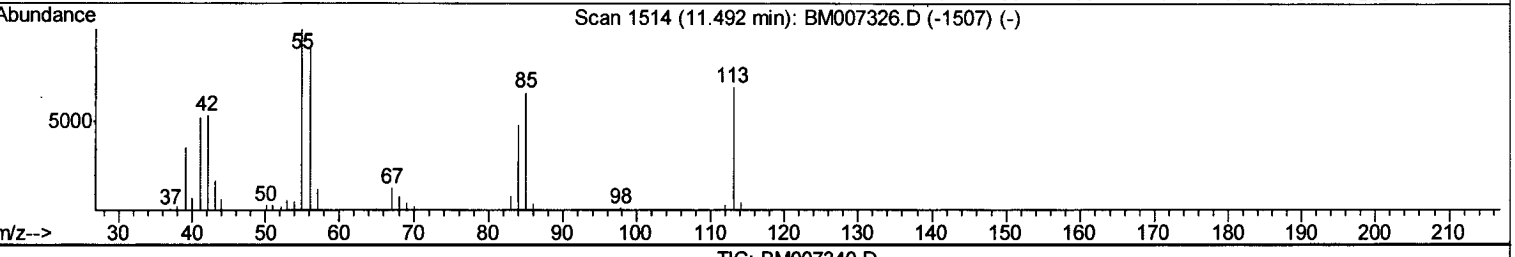

TIC: BM007340.D

(32) Caprolactam

11.492min (0.000) 19.66ng/ul m

response 89953

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	146.78
56.00	121.70	115.22
0.00	0.00	0.00

UM 08/30/16

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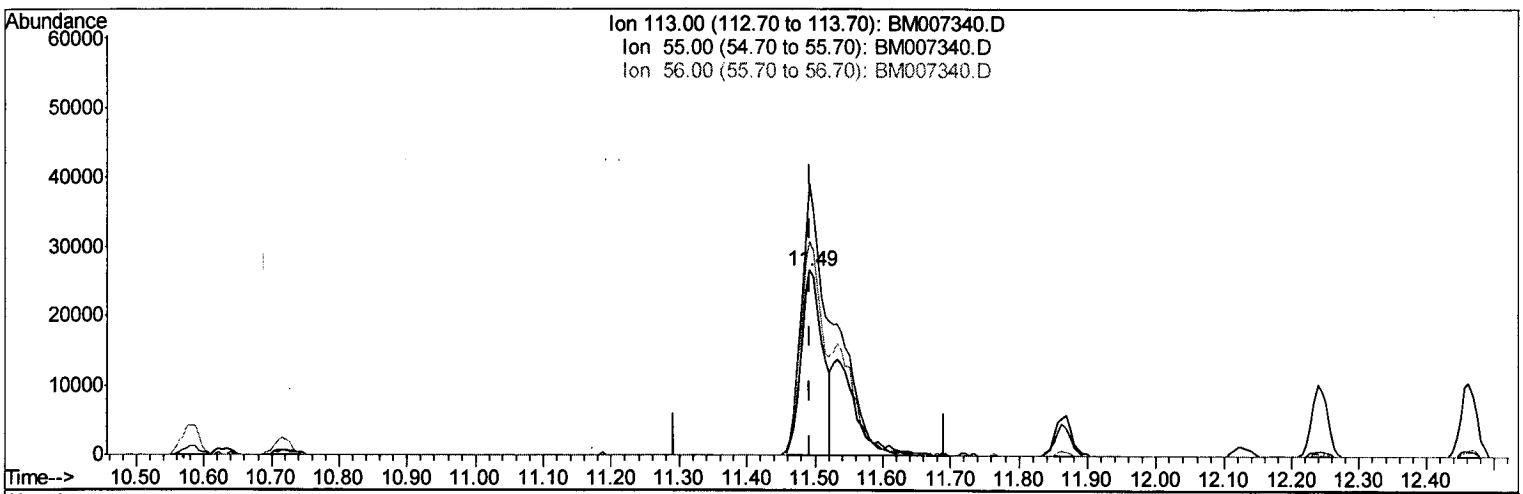

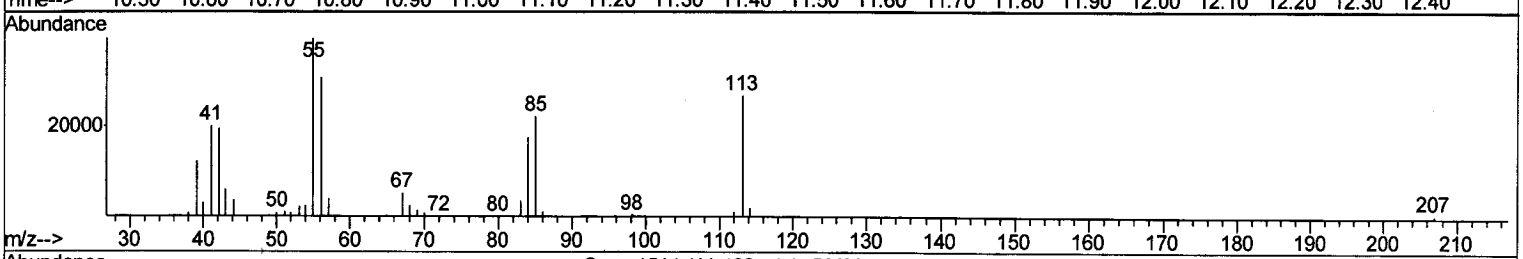

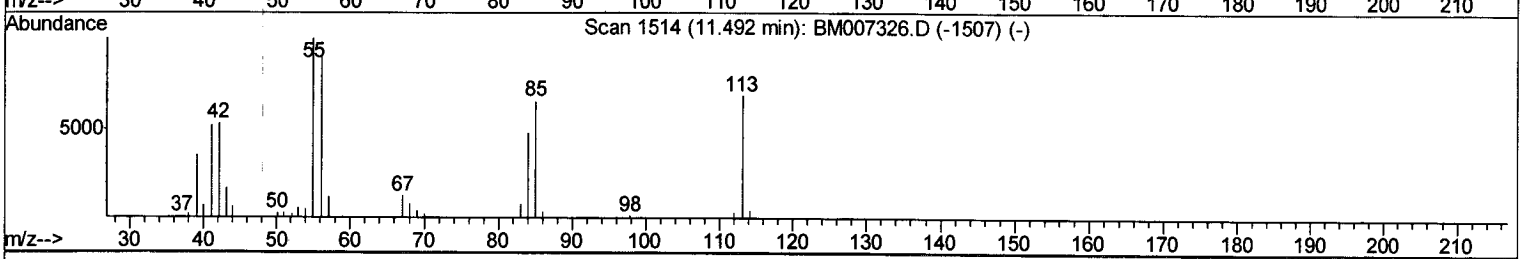

TIC: BM007340.D

(32) Caprolactam

11.492min (0.000) 12.74ng/ul

response 58314

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	146.78
56.00	121.70	115.22
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	7.80	152	139352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	670098	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	477646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1289460	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1753317	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	1788019	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	23389	8.58	ng/uL	0.00
5) Phenol-d5	6.96	99	256130	19.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	134423	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	195787	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	221389	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	102170	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	117068	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	240039	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	305583	21.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	829984	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1002382	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	157803	20.29	ng/ul	0.00
57) Fluorene-d10	15.42	176	746532	20.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	143601	17.71	ng/ul	0.00
70) Anthracene-d10	17.27	188	1256174	20.85	ng/ul	0.00
76) Pyrene-d10	19.56	212	1548508	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1692080	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	24770	8.15	ng/uL	93
4) Benzaldehyde	6.95	77	159639	21.29	ng/ul	95
6) Phenol	6.99	94	264324	19.36	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	189778	19.95	ng/ul	99
10) 2-Chlorophenol	7.36	128	199850	20.06	ng/ul	98
11) 2-Methylphenol	8.23	108	207784	19.47	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	208304	19.46	ng/ul	96
14) Acetophenone	8.62	105	350865	19.93	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	182057	19.46	ng/ul	97
16) 4-Methylphenol	8.56	108	234377	19.57	ng/ul	92
17) Hexachloroethane	8.87	117	80671	20.82	ng/ul	97
20) Nitrobenzene	8.99	77	264114	20.90	ng/ul	99
21) Isophorone	9.51	82	511157	19.86	ng/ul	99
23) 2-Nitrophenol	9.70	139	124826	19.99	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	288412	20.94	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	289207	19.94	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	238640	21.01	ng/ul	98
28) Naphthalene	10.63	128	688630	20.66	ng/ul	100
30) 4-Chloroaniline	10.74	127	313127	21.32	ng/ul	93
31) Hexachlorobutadiene	10.92	225	167114	21.77	ng/ul	98
32) Caprolactam	11.49	113	89953m	19.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	292205	20.78	ng/ul	95
34) 2-Methylnaphthalene	12.24	142	567470	20.80	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	342368	21.53	ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	172317	17.96	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	234323	20.83	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	250711	21.38	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	770020	20.79	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	612275	21.08	ng/ul	98
42) 2-Nitroaniline	13.51	65	202436	21.34	ng/ul	96
44) Dimethylphthalate	13.89	163	823146	20.05	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	173262	20.65	ng/ul	90
47) Acenaphthylene	14.15	152	1028729	20.93	ng/ul	99
48) 3-Nitroaniline	14.33	138	184812	21.58	ng/ul	99
49) Acenaphthene	14.49	153	663268	20.74	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	89584	15.75	ng/ul	90
52) 4-Nitrophenol	14.64	109	173679	20.99	ng/ul	86
53) Dibenzofuran	14.83	168	1013165	21.17	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	268028	20.84	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	256035	21.28	ng/ul#	95
56) Diethylphthalate	15.25	149	862790	20.15	ng/ul	99
58) Fluorene	15.47	166	832938	21.13	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	434383	21.08	ng/ul	97
60) 4-Nitroaniline	15.50	138	209430	21.55	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.56	198	153772	17.77	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	741169	20.59	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	303179	20.82	ng/ul	96
66) Hexachlorobenzene	16.48	284	339478	20.82	ng/ul	97
67) Atrazine	16.63	200	314285	20.68	ng/ul	97
68) Pentachlorophenol	16.82	266	207194	19.69	ng/ul	100
69) Phenanthrene	17.22	178	1440606	20.81	ng/ul	99
71) Anthracene	17.30	178	1484005	20.77	ng/ul	99
72) Carbazole	17.57	167	1324414	21.32	ng/ul	100
73) Di-n-butylphthalate	18.13	149	1556696	19.92	ng/ul	99
74) Fluoranthene	19.23	202	1901061	21.88	ng/ul	97
77) Pyrene	19.59	202	1993350	21.19	ng/ul	96
78) Butylbenzylphthalate	20.49	149	801690	20.48	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	712632	20.47	ng/ul	98
80) Benzo(a)anthracene	21.33	228	2145089	20.75	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	1161205	20.46	ng/ul	99
82) Chrysene	21.39	228	1935003	20.67	ng/ul	99
84) Di-n-octyl phthalate	22.15	149	2102933	23.61	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	2279715	21.56	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	2071377	21.20	ng/ul	99
88) Benzo(a)pyrene	23.52	252	2107734	20.83	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	2211942	17.82	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	1882143	18.23	ng/ul	100
91) Benzo(g,h,i)perylene	26.61	276	1783000	16.91	ng/ul	96

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