

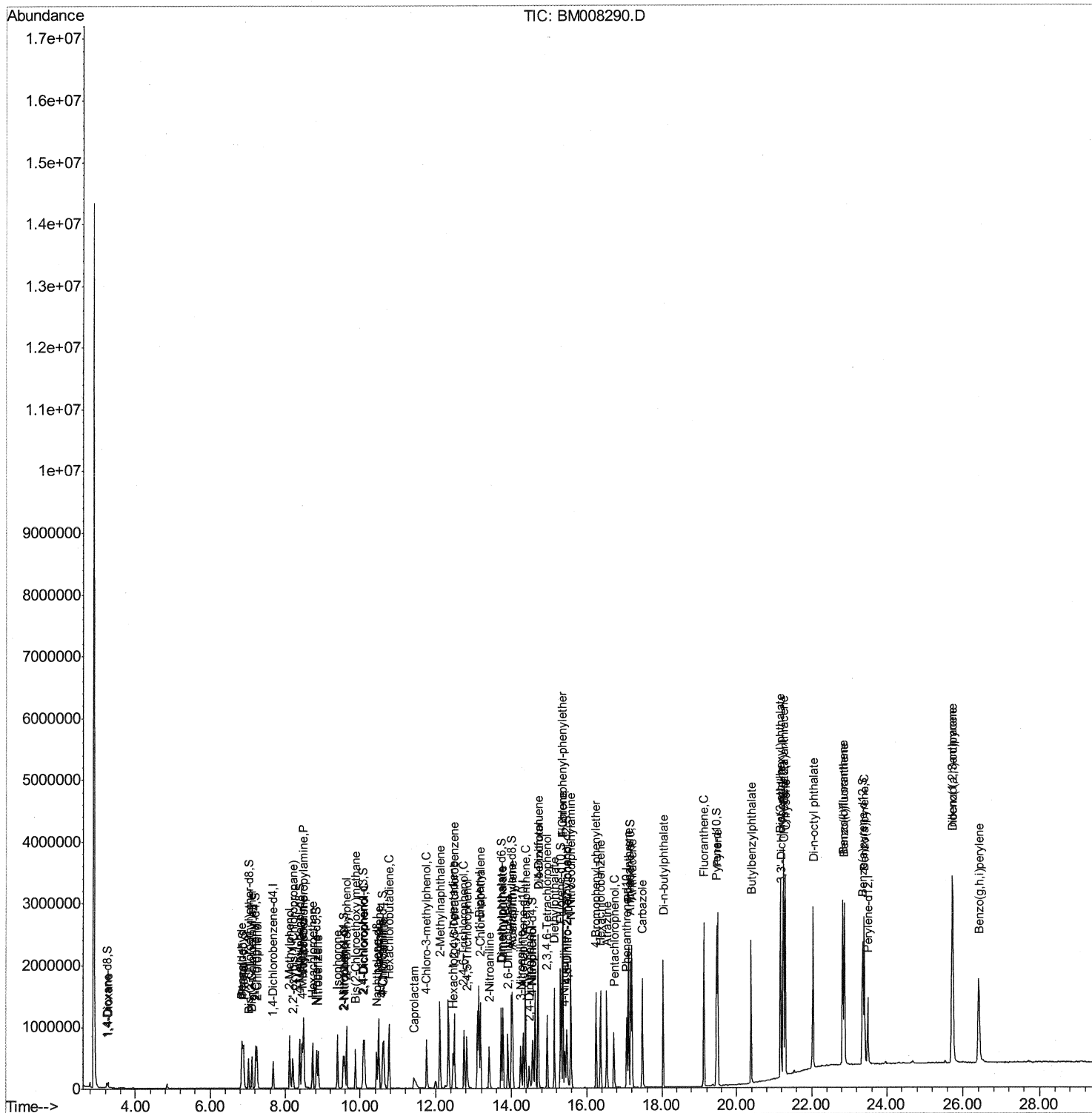
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008290.D
 Acq On : 14 Dec 2016 02:23
 Operator : UM/SJ
 Sample : SST04046
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SST04046

Manual Integrations
 APPROVED

Sohil
 12/14/2016 6:57:51 PM

Quant Time: Dec 14 05:06:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 04:50:38 2016
 Response via : Initial Calibration



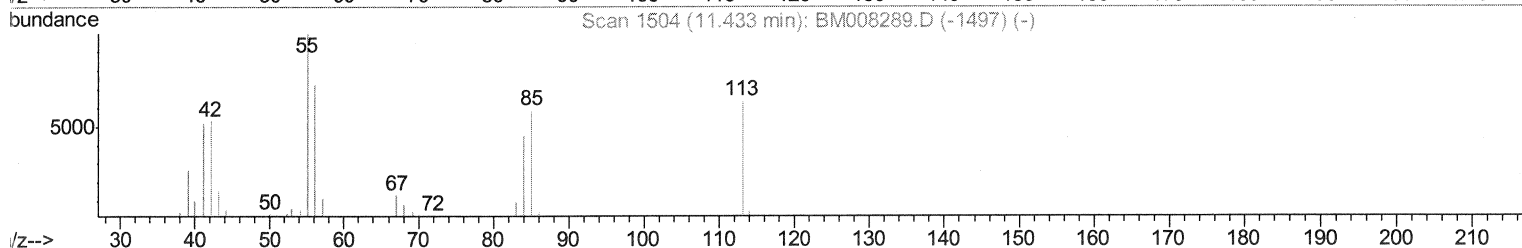
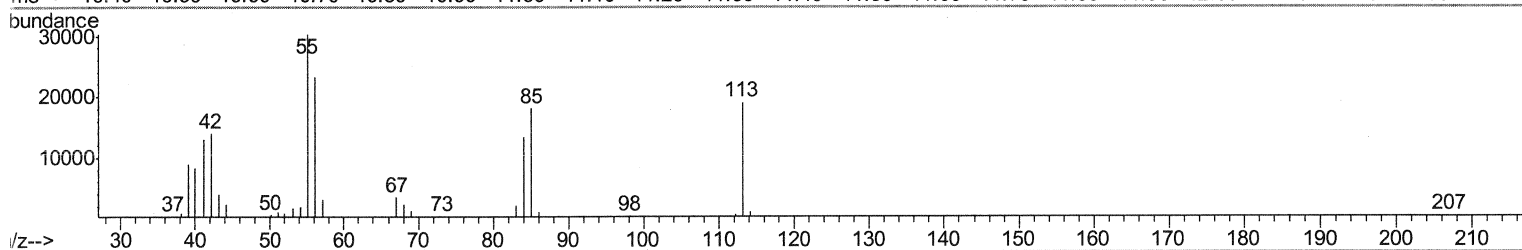
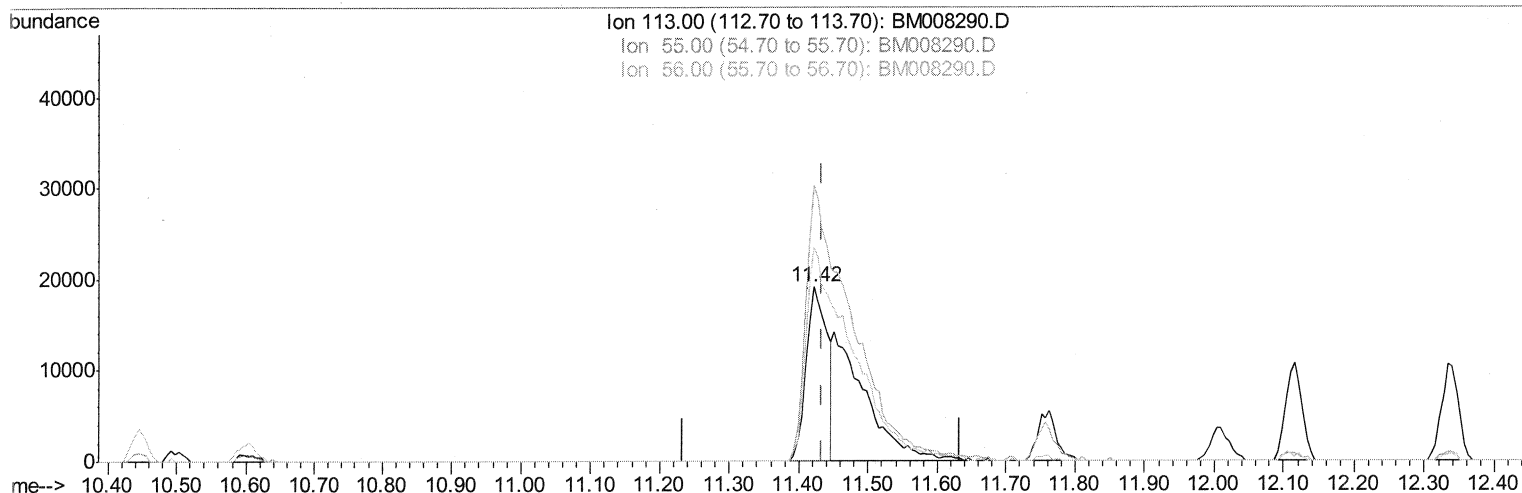
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TIC: BM008290.D

(32) Caprolactam

11.422min (-0.012) 18.63ng/ul

response 40018

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	158.56
56.00	114.10	122.56
0.00	0.00	0.00

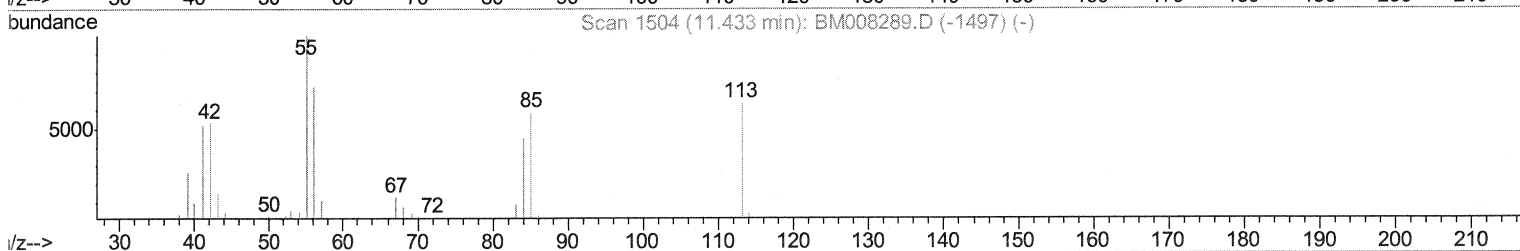
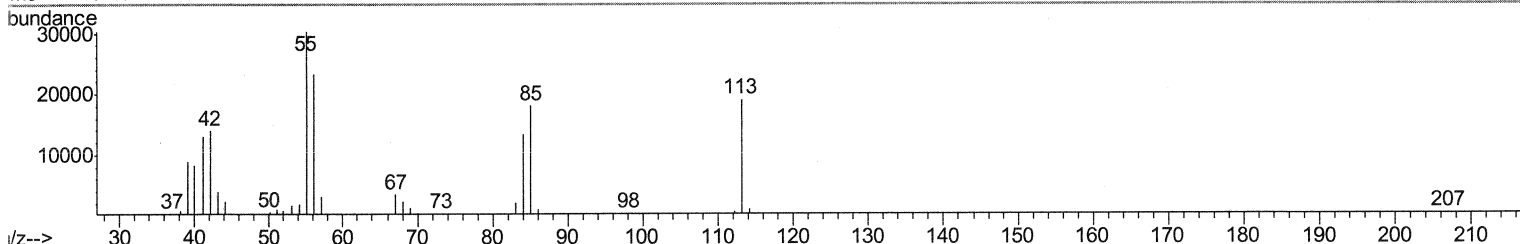
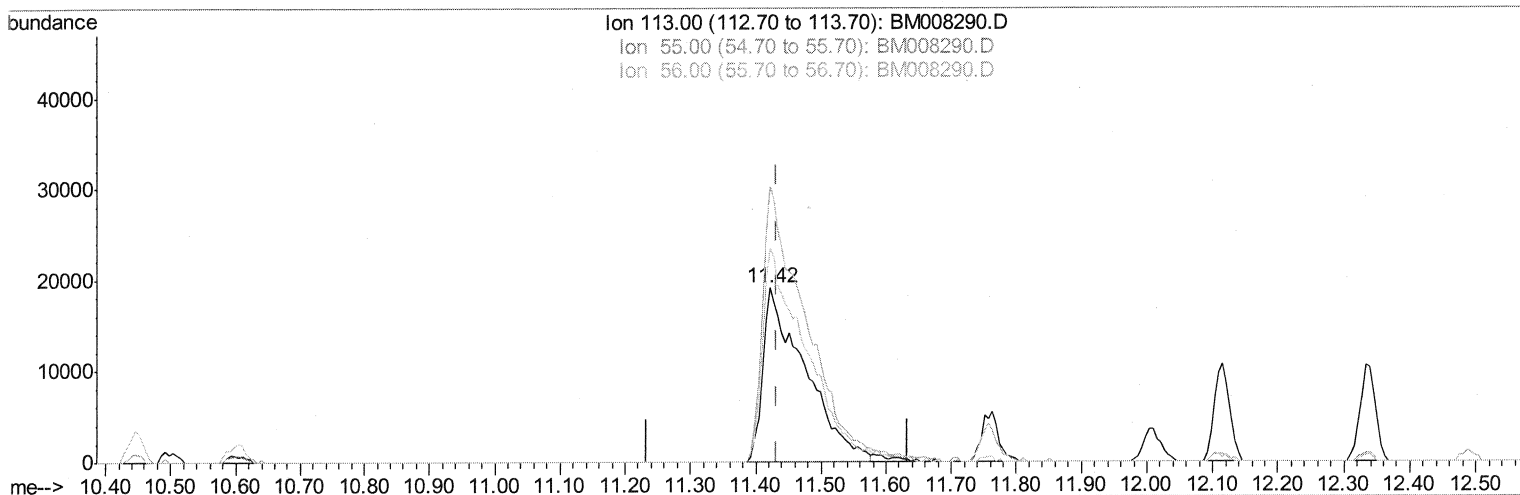
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TIC: BM008290.D

(32) Caprolactam

11.422min (-0.012) 39.92ng/ul m

SJ 12/14/16

response 85732

Ion	Exp%	Act%
113.00	100	100
55.00	157.60	158.56
56.00	114.10	122.56
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	7.67	152	118941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	466838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	316229	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	654214	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	869160	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	864520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	40066	15.84	ng/uL	0.00
5) Phenol-d5	6.86	99	366826	40.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	212728	39.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	284669	41.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	285662	39.95	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	139450	41.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	158727	42.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	290132	41.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	335898	42.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	859764	40.94	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1028303	41.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	128188	40.87	ng/ul	0.00
57) Fluorene-d10	15.31	176	740452	40.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	159534	41.50	ng/ul	0.00
70) Anthracene-d10	17.17	188	1175189	41.12	ng/ul	0.00
76) Pyrene-d10	19.47	212	1360376	40.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1476635	40.79	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	46248	15.31	ng/uL	96
4) Benzaldehyde	6.83	77	268875	43.87	ng/ul	95
6) Phenol	6.89	94	384061	40.36	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.11	93	284762	39.74	ng/ul	98
10) 2-Chlorophenol	7.25	128	291590	41.80	ng/ul	98
11) 2-Methylphenol	8.12	108	281185	40.38	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	329923	40.45	ng/ul	99
14) Acetophenone	8.50	105	466403	40.20	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.48	70	245895	41.30	ng/ul	99
16) 4-Methylphenol	8.45	108	305011	40.58	ng/ul	97
17) Hexachloroethane	8.73	117	127628	39.78	ng/ul	94
20) Nitrobenzene	8.87	77	355596	40.61	ng/ul	98
21) Isophorone	9.40	82	649642	41.42	ng/ul	99
23) 2-Nitrophenol	9.58	139	162635	42.36	ng/ul	95
24) 2,4-Dimethylphenol	9.64	107	356986	41.59	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	365858	40.24	ng/ul	97
27) 2,4-Dichlorophenol	10.11	162	288154	41.40	ng/ul	95
28) Naphthalene	10.50	128	892485	40.28	ng/ul	99
30) 4-Chloroaniline	10.62	127	342168	43.07	ng/ul	99
31) Hexachlorobutadiene	10.77	225	225496	40.30	ng/ul	97
32) Caprolactam	11.42	113	85732m	39.92	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	315216	41.94	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	644878	40.37	ng/ul	100

SJ 12/14/16

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36) 1,2,4,5-Tetrachlorobenzene	12.49	216	402264	40.57	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	158575	41.44	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	236365	41.44	ng/ul	100
39) 2,4,5-Trichlorophenol	12.82	196	251296	41.50	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	861080	41.05	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	655635	40.54	ng/ul	99
42) 2-Nitroaniline	13.41	65	207091	42.67	ng/ul	97
44) Dimethylphthalate	13.78	163	832337	40.57	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	173042	43.17	ng/ul	97
47) Acenaphthylene	14.03	152	1036133	40.83	ng/ul	99
48) 3-Nitroaniline	14.24	138	170174	43.29	ng/ul	99
49) Acenaphthene	14.38	153	701681	40.27	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	95657	41.42	ng/ul	95
52) 4-Nitrophenol	14.57	109	127965	40.85	ng/ul	95
53) Dibenzofuran	14.72	168	1026831	40.66	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	259463	43.22	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.95	232	240900	41.87	ng/ul#	98
56) Diethylphthalate	15.14	149	840695	40.85	ng/ul	100
58) Fluorene	15.37	166	851540	41.23	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	450977	40.75	ng/ul	99
60) 4-Nitroaniline	15.42	138	157579	42.73	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	158934	39.96	ng/ul	96
64) N-Nitrosodiphenylamine	15.58	169	734796	41.13	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	290653	39.94	ng/ul	98
66) Hexachlorobenzene	16.37	284	327261	40.26	ng/ul	99
67) Atrazine	16.54	200	293324	40.30	ng/ul	99
68) Pentachlorophenol	16.73	266	175286	39.49	ng/ul	98
69) Phenanthrene	17.11	178	1356847	40.37	ng/ul	98
71) Anthracene	17.20	178	1391135	40.90	ng/ul	99
72) Carbazole	17.48	167	1200188	40.18	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1399225	40.98	ng/ul	100
74) Fluoranthene	19.13	202	1656828	40.43	ng/ul	99
77) Pyrene	19.50	202	1720299	39.92	ng/ul	100
78) Butylbenzylphthalate	20.40	149	644229	40.63	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	646436	43.07	ng/ul	99
80) Benzo(a)anthracene	21.24	228	1794299	39.80	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	943204	40.66	ng/ul	99
82) Chrysene	21.30	228	1729218	39.67	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	1660245	39.55	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1951574	42.17	ng/ul	100
86) Benzo(k)fluoranthene	22.87	252	1752258	39.15	ng/ul	99
88) Benzo(a)pyrene	23.40	252	1851376	41.21	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	2219321	40.58	ng/ul	99
90) Dibenzo(a,h)anthracene	25.74	278	1862774	40.45	ng/ul	99
91) Benzo(g,h,i)perylene	26.42	276	1839631	40.44	ng/ul	99

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