Data Path : Z:\HPCHEM1\BNA_M\Data\BM062017\
Data File : BM010592.D
Acq On : 20 Jun 2017 16:31
Operator : SJ/MA
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 17:40:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 17:04:25 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04034

Manual Integrations APPROVED
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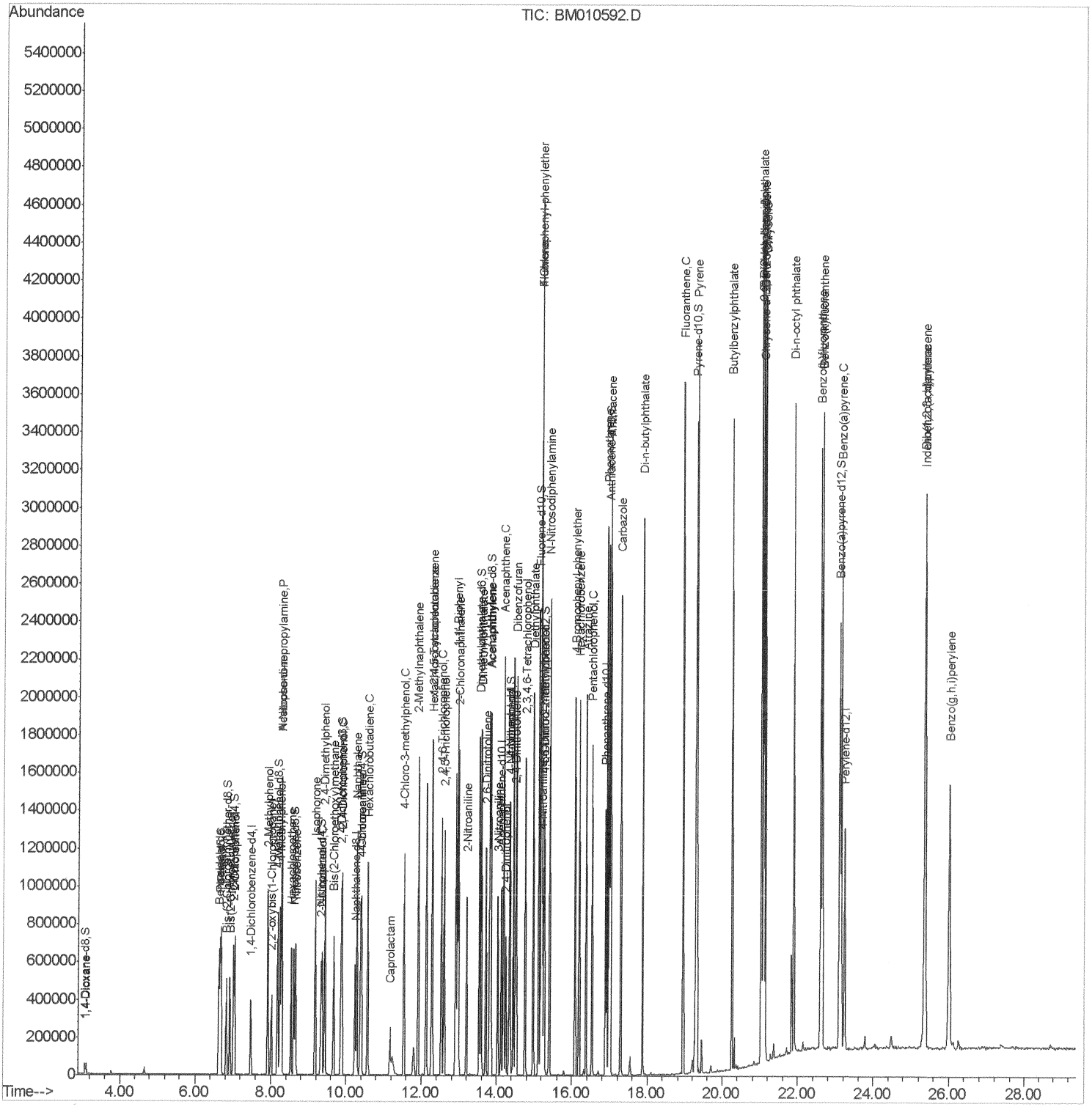
6/21/2017 4:08:40 PM



Data Path : Z:\HPCHEM1\BNA_M\Data\BM062017\
Data File : BM010592.D
Acq On : 20 Jun 2017 16:31
Operator : SJ/MA
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 17:17:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
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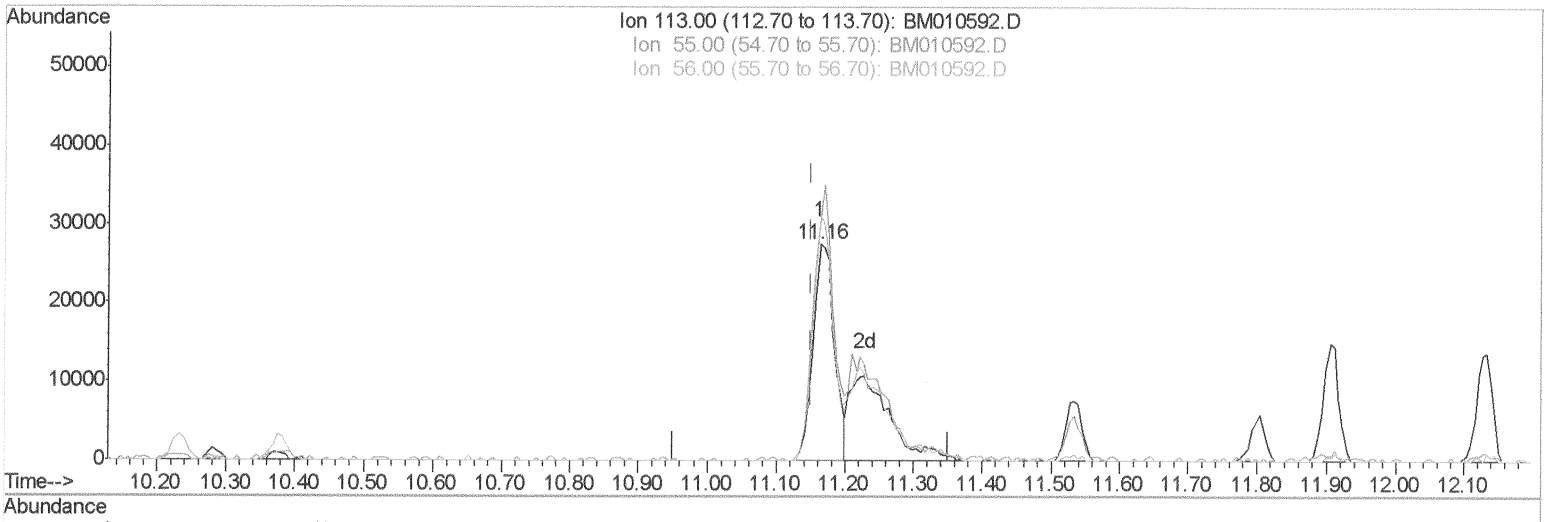

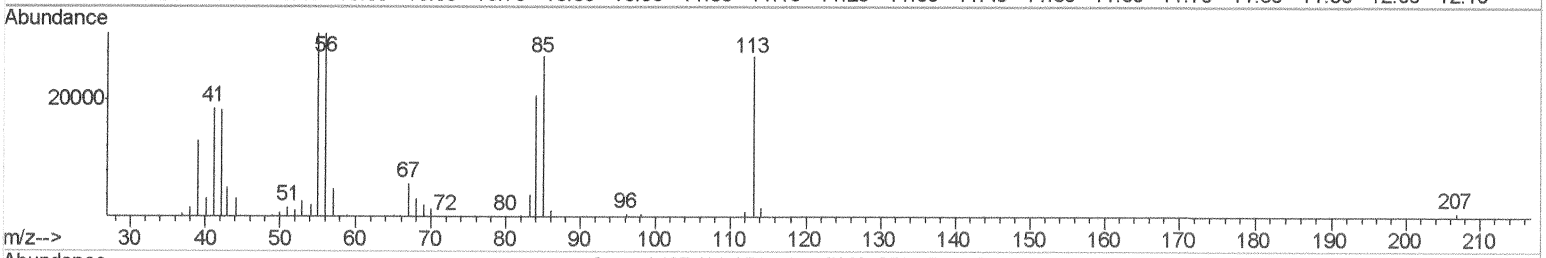

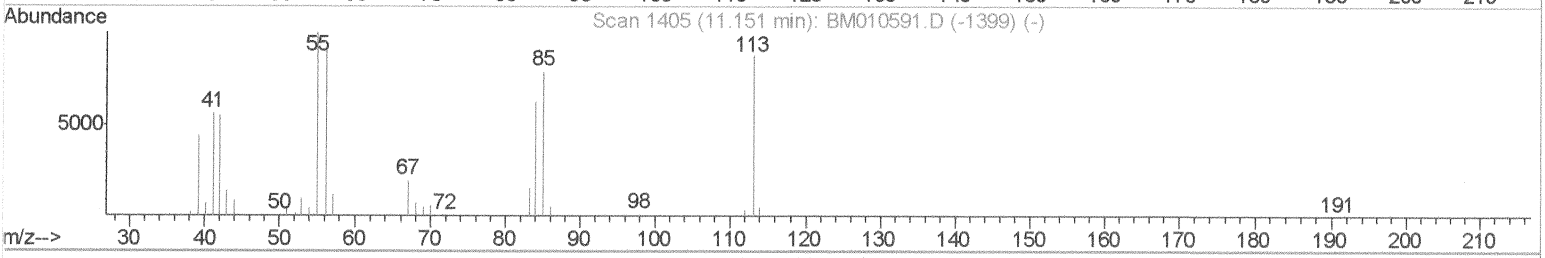

TIC: BM010592.D

(32) Caprolactam

11.163min (+0.012) 21.20ng/ul

response 58691

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	113.53
56.00	107.50	113.67
0.00	0.00	0.00

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BNA_M
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Manual Integrations APPROVED
mohammad
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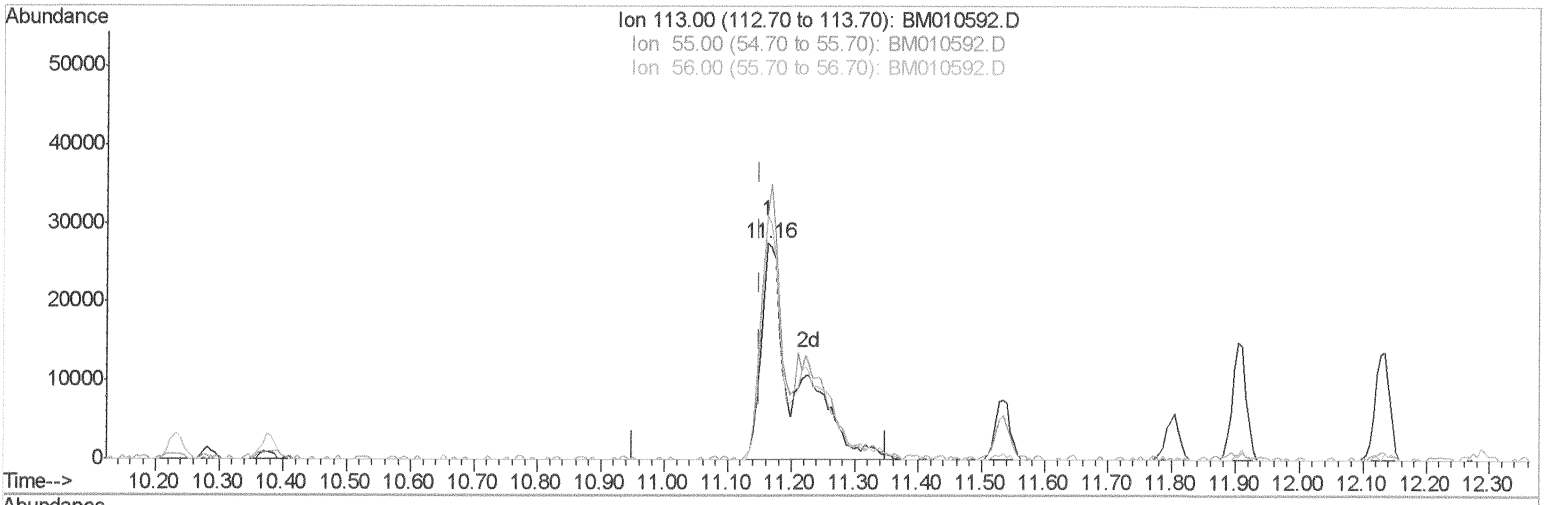

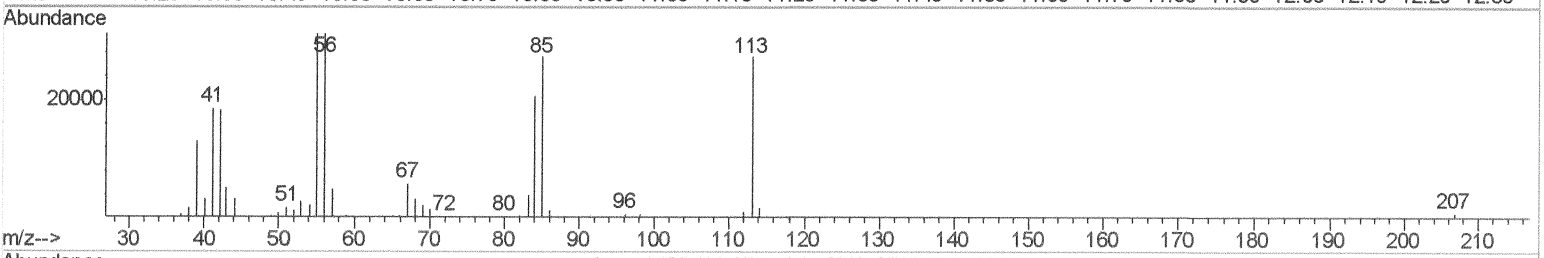

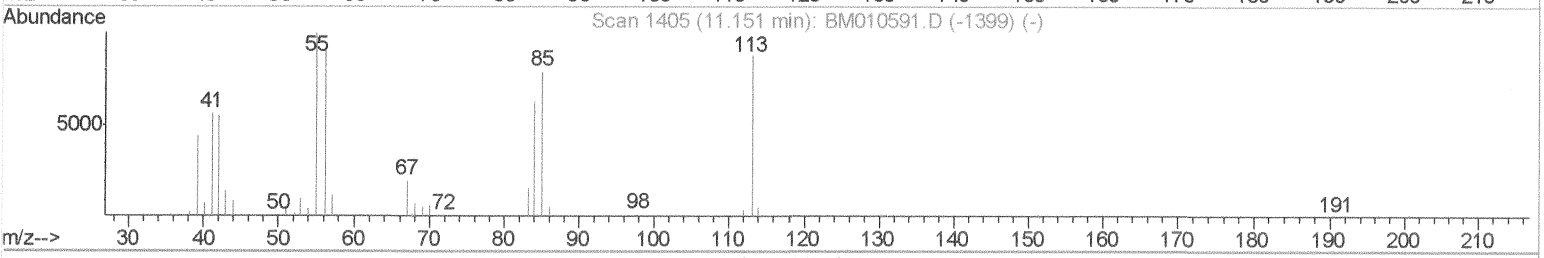

TIC: BM010592.D

(32) Caprolactam

11.163min (+0.012) 37.36ng/ul m SJ 06/20/17

response 103409

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	113.53
56.00	107.50	113.67
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062017\
Data File : BM010592.D
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Manual Integrations APPROVED
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6/21/2017 4:08:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	92123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	434231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	295405	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	772443	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	934634	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	811814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	26319	14.78	ng/uL	0.00
5) Phenol-d5	6.66	99	361727	36.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	204332	29.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	259842	42.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	300773	38.55	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	130353	39.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	151830	42.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	316160	43.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	365526	40.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.55	166	1076255	43.42	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	1268241	42.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	189987	38.32	ng/ul	0.01
57) Fluorene-d10	15.12	176	930632	41.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	200255	36.74	ng/ul	0.00
70) Anthracene-d10	16.97	188	1532261	45.59	ng/ul	0.00
76) Pyrene-d10	19.29	212	1760672	43.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	1628823	37.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	30435	13.958	ng/uL#	36
4) Benzaldehyde	6.62	77	234690	35.998	ng/ul	97
6) Phenol	6.68	94	369676	35.737	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.91	93	271043	34.893	ng/ul	98
10) 2-Chlorophenol	7.04	128	258378	41.469	ng/ul	99
11) 2-Methylphenol	7.91	108	283087	38.022	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.01	45	189613	14.617	ng/ul	92
14) Acetophenone	8.29	105	489960	38.179	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.29	70	271905	36.601	ng/ul#	90
16) 4-Methylphenol	8.25	108	314687	38.193	ng/ul	94
17) Hexachloroethane	8.53	117	111729	38.977	ng/ul#	78
20) Nitrobenzene	8.66	77	382835	35.809	ng/ul	95
21) Isophorone	9.18	82	735352	39.027	ng/ul	99
23) 2-Nitrophenol	9.36	139	161172	41.695	ng/ul	98
24) 2,4-Dimethylphenol	9.43	107	407695	42.887	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.67	93	407481	37.628	ng/ul	97
27) 2,4-Dichlorophenol	9.89	162	304004	42.713	ng/ul#	88
28) Naphthalene	10.28	128	885971	40.626	ng/ul	99
30) 4-Chloroaniline	10.40	127	360991	40.340	ng/ul	93
31) Hexachlorobutadiene	10.57	225	224601	44.436	ng/ul	96
32) Caprolactam	11.16	113	103409m	37.361	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	385154	44.835	ng/ul	91
34) 2-Methylnaphthalene	11.90	142	711778	41.960	ng/ul	93

SJ 06/26/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	436978	44.195 ng/ul#	98
37) Hexachlorocyclopentadiene	12.27	237	252971	47.283 ng/ul	99
38) 2,4,6-Trichlorophenol	12.53	196	303753	45.564 ng/ul	97
39) 2,4,5-Trichlorophenol	12.60	196	311675	45.452 ng/ul	99
40) 1,1'-Biphenyl	12.95	154	966736	41.241 ng/ul	99
41) 2-Chloronaphthalene	12.98	162	758579	42.055 ng/ul	95
42) 2-Nitroaniline	13.20	65	239096	32.217 ng/ul	95
44) Dimethylphthalate	13.59	163	1049485	42.997 ng/ul	99
45) 2,6-Dinitrotoluene	13.71	165	203502	41.345 ng/ul#	91
47) Acenaphthylene	13.84	152	1203199	41.048 ng/ul	99
48) 3-Nitroaniline	14.03	138	195638	38.805 ng/ul	97
49) Acenaphthene	14.19	153	806157	40.460 ng/ul	100
50) 2,4-Dinitrophenol	14.24	184	134245	39.424 ng/ul	87
52) 4-Nitrophenol	14.36	109	241615	42.524 ng/ul	99
53) Dibenzofuran	14.53	168	1223175	41.487 ng/ul	95
54) 2,4-Dinitrotoluene	14.50	165	307001	41.155 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.76	232	311464	46.597 ng/ul	92
56) Diethylphthalate	14.98	149	1118006	42.561 ng/ul	94
58) Fluorene	15.18	166	1019159	40.468 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.18	204	555172	42.222 ng/ul	95
60) 4-Nitroaniline	15.21	138	217764	37.005 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.27	198	213058	37.896 ng/ul#	95
64) N-Nitrosodiphenylamine	15.40	169	886998	38.907 ng/ul	98
65) 4-Bromophenyl-phenylether	16.08	248	365490	42.052 ng/ul	93
66) Hexachlorobenzene	16.19	284	383187	40.268 ng/ul#	90
67) Atrazine	16.37	200	382568	40.230 ng/ul	92
68) Pentachlorophenol	16.53	266	268702	45.164 ng/ul	98
69) Phenanthrene	16.92	178	1686155	39.499 ng/ul	99
71) Anthracene	17.01	178	1735099	38.723 ng/ul	99
72) Carbazole	17.29	167	1493592	35.731 ng/ul	99
73) Di-n-butylphthalate	17.87	149	1970085	40.787 ng/ul	99
74) Fluoranthene	18.94	202	2146758	38.346 ng/ul#	91
77) Pyrene	19.32	202	2197288	42.081 ng/ul#	93
78) Butylbenzylphthalate	20.24	149	860697	40.434 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.02	252	781709	45.224 ng/ul	95
80) Benzo(a)anthracene	21.07	228	2226958	40.587 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.03	149	1301317	40.180 ng/ul#	99
82) Chrysene	21.13	228	1986208	40.243 ng/ul	100
84) Di-n-octyl phthalate	21.89	149	2173030	36.637 ng/ul#	95
85) Benzo(b)fluoranthene	22.60	252	2151006	37.972 ng/ul#	98
86) Benzo(k)fluoranthene	22.64	252	2070770	39.569 ng/ul#	98
88) Benzo(a)pyrene	23.15	252	2007965	37.713 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.36	276	2127977	35.067 ng/ul#	97
90) Dibenzo(a,h)anthracene	25.37	278	1756584	33.856 ng/ul#	98
91) Benzo(g,h,i)perylene	26.01	276	1683219	34.833 ng/ul#	98

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