Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010273.D
Acq On : 27 May 2017 13:42
Operator : SJ/MA
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 14:39:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 13:52:15 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
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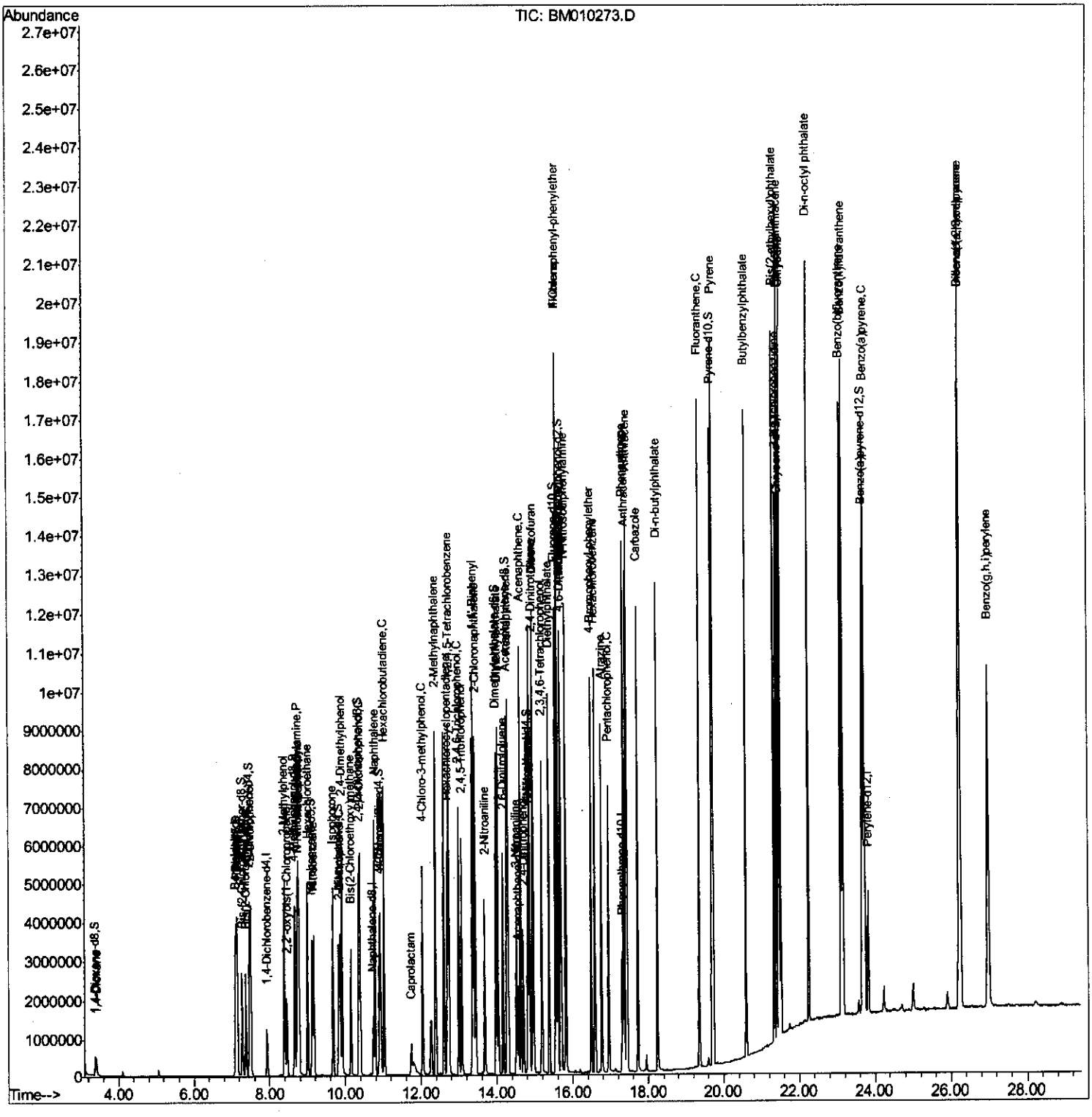

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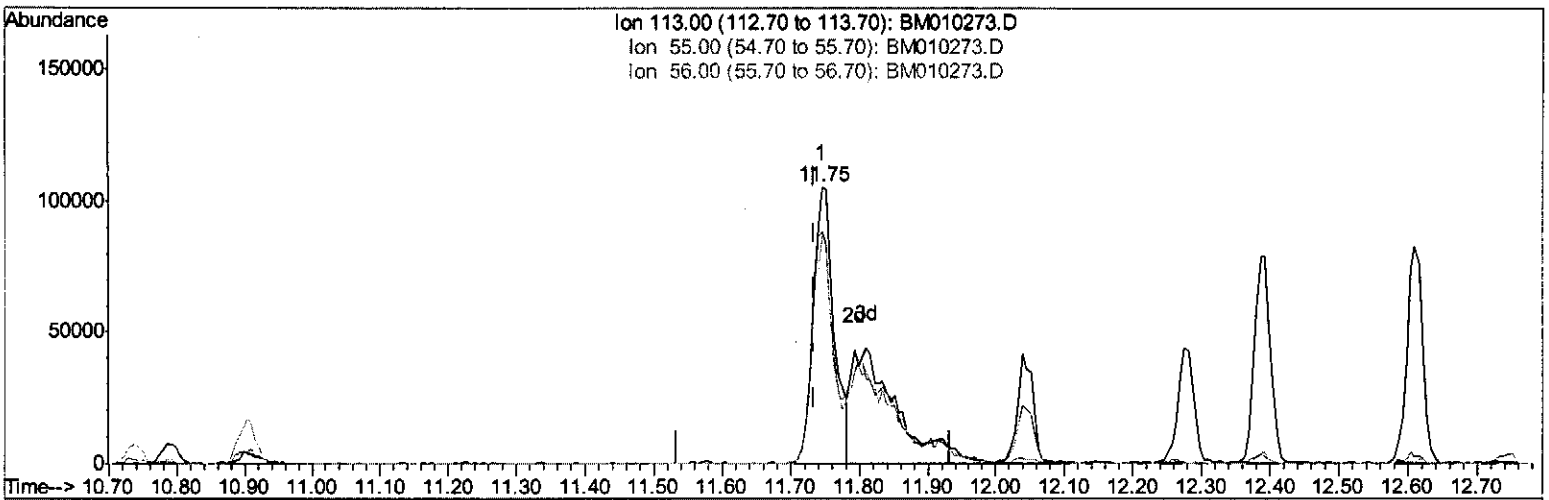

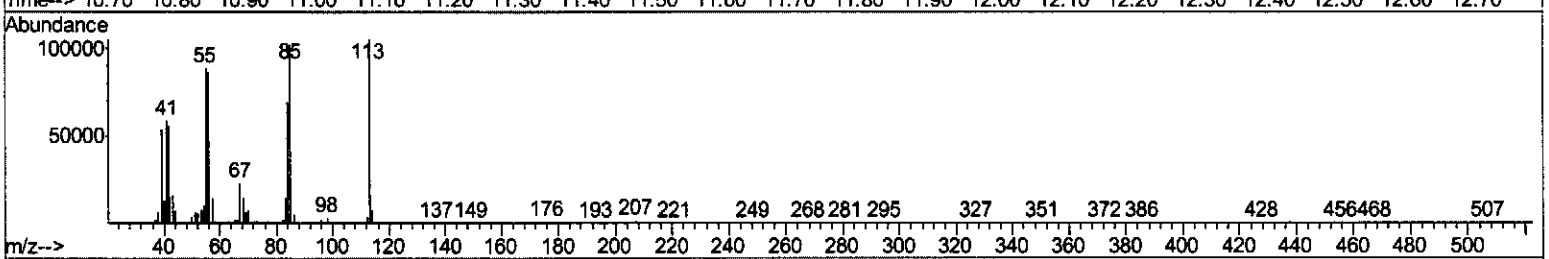

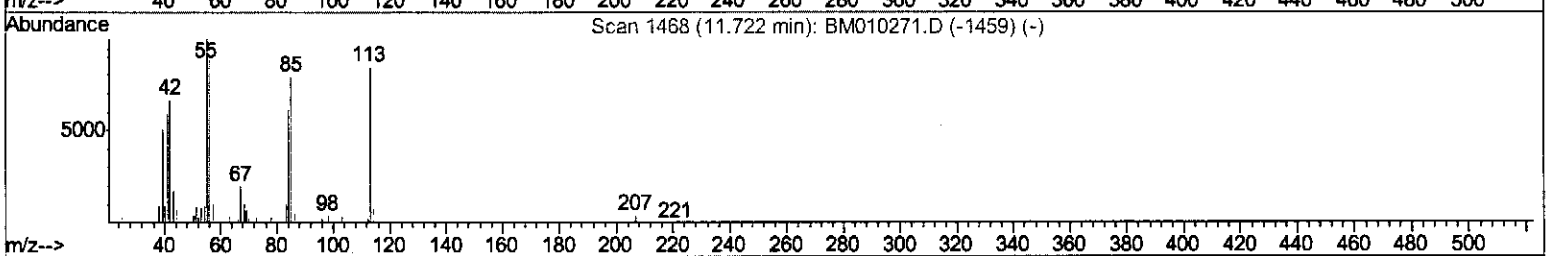

TIC: BM010273.D

(32) Caprolactam

11.745min (+0.012) 48.86ng/ul

response 224060

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	84.33#
56.00	107.50	82.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010273.D
Acq On : 27 May 2017 13:42
Operator : SJ/MA
Sample : SSTD08005
Misc :
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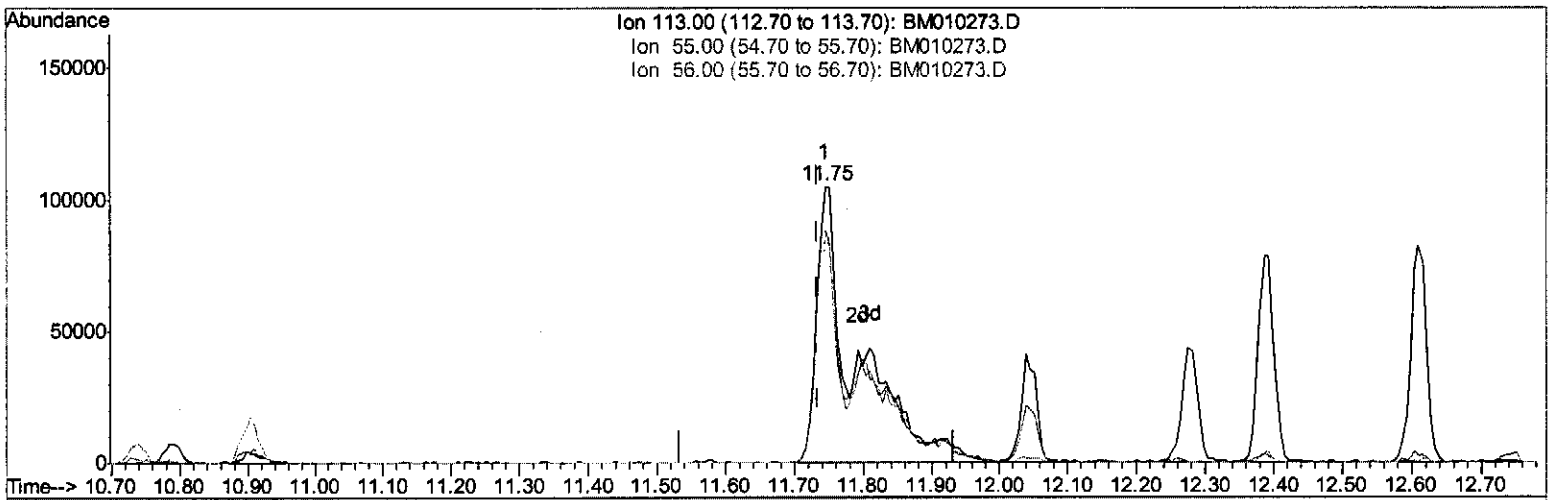
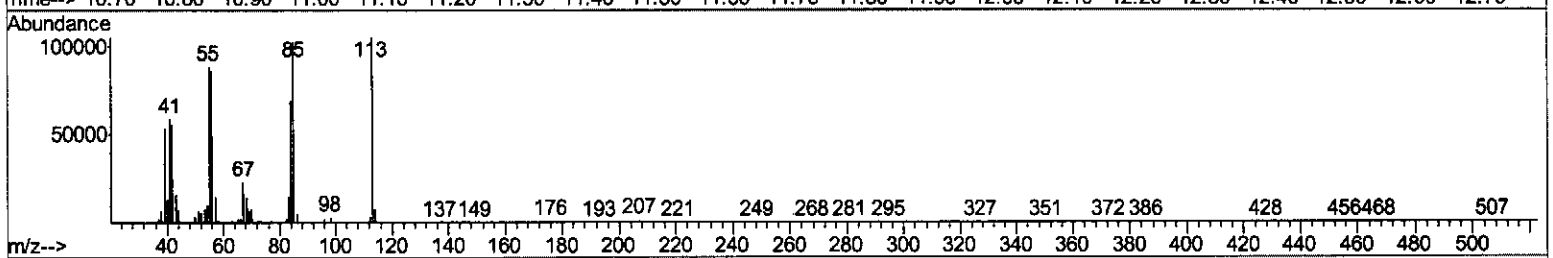
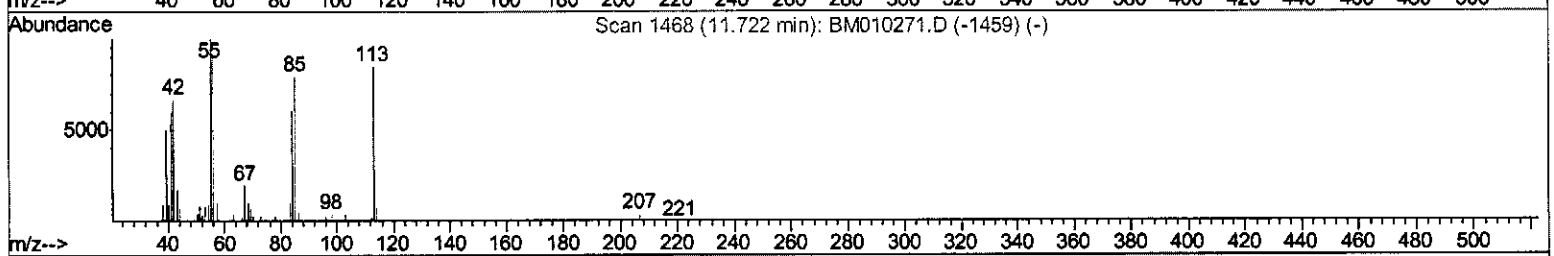
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
5/30/2017 4:40:28 PM







TIC: BM010273.D

(32) Caprolactam

11.745min (+0.012) 92.61ng/ul m SJ 5/30/17

response 424659

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	84.33#
56.00	107.50	82.41#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010273.D
Acq On : 27 May 2017 13:42
Operator : SJ/MA
Sample : SSTD08005
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 13:52:15 2017
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Instrument : BNA_M
ClientSampleId : SSTD08005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	301730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1147322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	717271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1668468	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2329088	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	2358800	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	247905	34.17	ng/uL	0.00
5) Phenol-d5	7.12	99	1927163	88.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	1068387	86.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	1624636	91.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	1543363	87.81	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	739082	90.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	893473	95.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	1748624	89.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	1696786	93.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	5134592	87.85	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	6092206	89.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.82	143	780095	99.15	ng/ul	0.01
57) Fluorene-d10	15.56	176	4496480	87.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	1042007	99.38	ng/ul	0.01
70) Anthracene-d10	17.42	188	7047535	88.69	ng/ul	0.00
76) Pyrene-d10	19.70	212	8328057	88.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.68	264	9599001	89.48	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	264159	34.15	ng/uL#	53
4) Benzaldehyde	7.09	77	1278910	81.27	ng/ul	96
6) Phenol	7.15	94	1962164	88.05	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.37	93	1372089	88.32	ng/ul	94
10) 2-Chlorophenol	7.50	128	1615219	90.67	ng/ul	95
11) 2-Methylphenol	8.39	108	1457485	90.70	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.46	45	616475	87.39	ng/ul#	62
14) Acetophenone	8.78	105	2540303	91.11	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.75	70	1369069	94.22	ng/ul#	84
16) 4-Methylphenol	8.73	108	1577730	89.16	ng/ul	92
17) Hexachloroethane	9.00	117	731838	90.41	ng/ul	91
20) Nitrobenzene	9.16	77	2112161	90.26	ng/ul	96
21) Isophorone	9.68	82	3320393	92.77	ng/ul	96
23) 2-Nitrophenol	9.87	139	918730	91.57	ng/ul	89
24) 2,4-Dimethylphenol	9.92	107	2054841	87.15	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.15	93	1782514	87.48	ng/ul	94
27) 2,4-Dichlorophenol	10.39	162	1707000	89.09	ng/ul	93
28) Naphthalene	10.79	128	4830355	84.98	ng/ul	100
30) 4-Chloroaniline	10.93	127	1613094	91.82	ng/ul	96
31) Hexachlorobutadiene	11.03	225	1449355	80.93	ng/ul	94
32) Caprolactam	11.75	113	424659m	92.61	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	1695511	92.76	ng/ul	99
34) 2-Methylnaphthalene	12.39	142	3752708	87.66	ng/ul	98

SJ 5/30/17

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	2475058	83.72	ng/ul	98
37) Hexachlorocyclopentadiene	12.71	237	1670548	87.26	ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	1499448	90.80	ng/ul	97
39) 2,4,5-Trichlorophenol	13.08	196	1490069	89.08	ng/ul	98
40) 1,1'-Biphenyl	13.40	154	4962215	86.71	ng/ul	100
41) 2-Chloronaphthalene	13.45	162	3900455	86.77	ng/ul	97
42) 2-Nitroaniline	13.69	65	1140774	103.82	ng/ul	96
44) Dimethylphthalate	14.03	163	4974281	86.19	ng/ul	99
45) 2,6-Dinitrotoluene	14.17	165	1002083	97.32	ng/ul	91
47) Acenaphthylene	14.30	152	5959568	89.89	ng/ul	99
48) 3-Nitroaniline	14.52	138	916057	95.82	ng/ul	94
49) Acenaphthene	14.63	153	4072202	86.95	ng/ul	97
50) 2,4-Dinitrophenol	14.70	184	718509	99.14	ng/ul	89
52) 4-Nitrophenol	14.83	109	1068760	101.35	ng/ul	94
53) Dibenzofuran	14.97	168	6054190	87.55	ng/ul	99
54) 2,4-Dinitrotoluene	14.95	165	1490939	99.00	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.19	232	1488393	93.66	ng/ul	93
56) Diethylphthalate	15.38	149	4968923	89.80	ng/ul	95
58) Fluorene	15.62	166	5086578	90.27	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.60	204	2869760	88.79	ng/ul	94
60) 4-Nitroaniline	15.69	138	985116	103.10	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.70	198	1079480	95.53	ng/ul#	98
64) N-Nitrosodiphenylamine	15.83	169	4200635	88.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.50	248	1772616	88.09	ng/ul	94
66) Hexachlorobenzene	16.59	284	1820536	85.94	ng/ul#	84
67) Atrazine	16.77	200	1796642	91.33	ng/ul	96
68) Pentachlorophenol	16.96	266	1198193	96.79	ng/ul	97
69) Phenanthrene	17.36	178	7636218	86.60	ng/ul	99
71) Anthracene	17.45	178	8145545	89.73	ng/ul	98
72) Carbazole	17.73	167	6781063	89.70	ng/ul	98
73) Di-n-butylphthalate	18.25	149	8294813	97.42	ng/ul	99
74) Fluoranthene	19.36	202	9851726	89.25	ng/ul	99
77) Pyrene	19.73	202	10371120	88.18	ng/ul	98
78) Butylbenzylphthalate	20.60	149	3952955	100.09	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.40	252	3969980	88.16	ng/ul	95
80) Benzo(a)anthracene	21.46	228	11038893	85.12	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.34	149	5960764	101.86	ng/ul#	99
82) Chrysene	21.52	228	9966060	84.99	ng/ul	98
84) Di-n-octyl phthalate	22.24	149	10304030	95.32	ng/ul#	95
85) Benzo(b)fluoranthene	23.11	252	11873269	88.30	ng/ul#	99
86) Benzo(k)fluoranthene	23.16	252	11522956	90.10	ng/ul#	98
88) Benzo(a)pyrene	23.73	252	11791398	88.51	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.24	276	14990018	89.22	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.25	278	12970322	89.75	ng/ul#	97
91) Benzo(g,h,i)perylene	26.99	276	12041918	86.40	ng/ul#	98

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