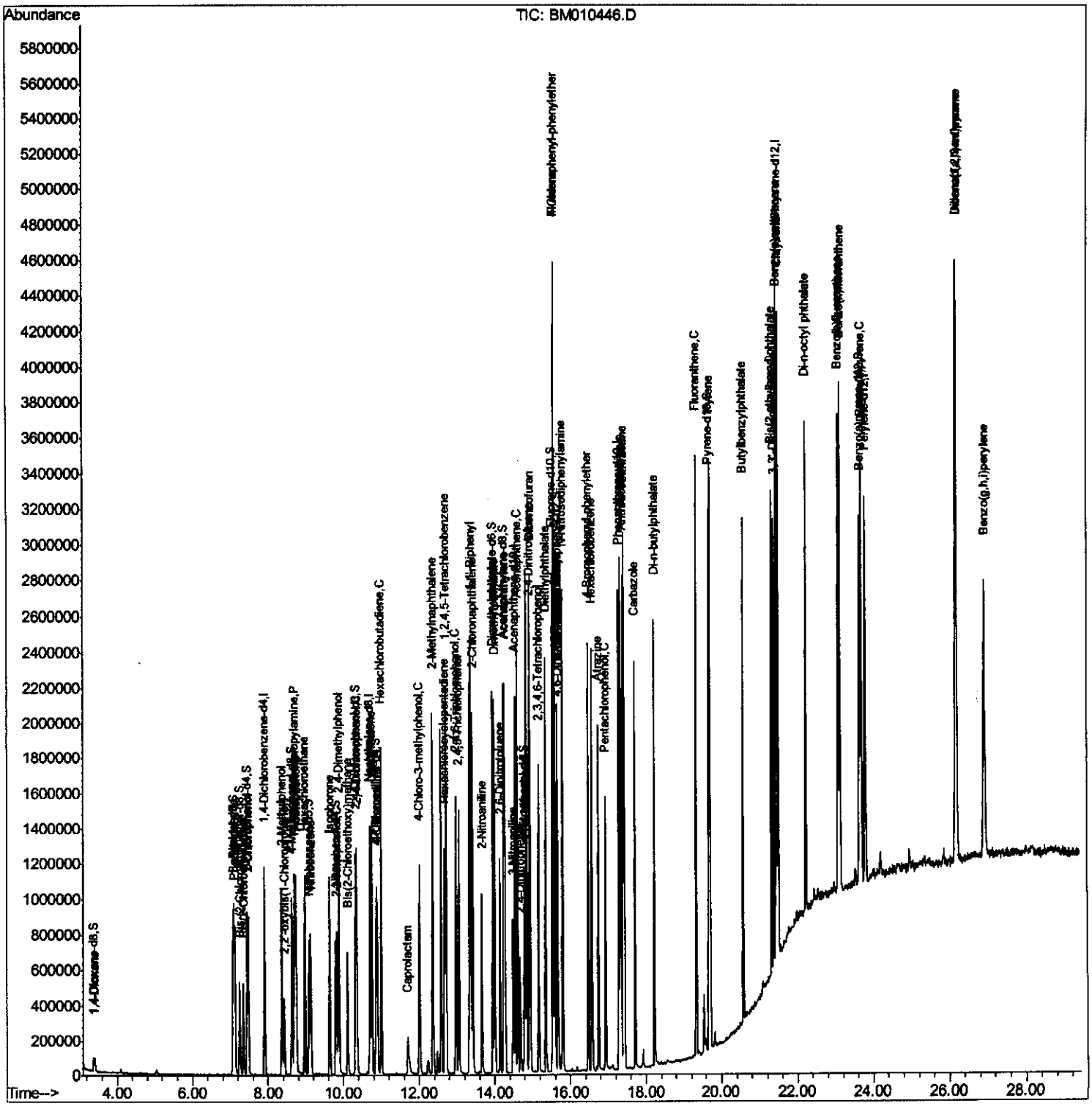
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060917\
Data File : BM010446.D
Acq On : 09 Jun 2017 10:27
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 01:43:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02019

Manual Integrations APPROVED
mohammad
6/12/2017 11:17:40 AM



Quantitation Report (Qedit)

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Quant Time: Jun 09 10:58:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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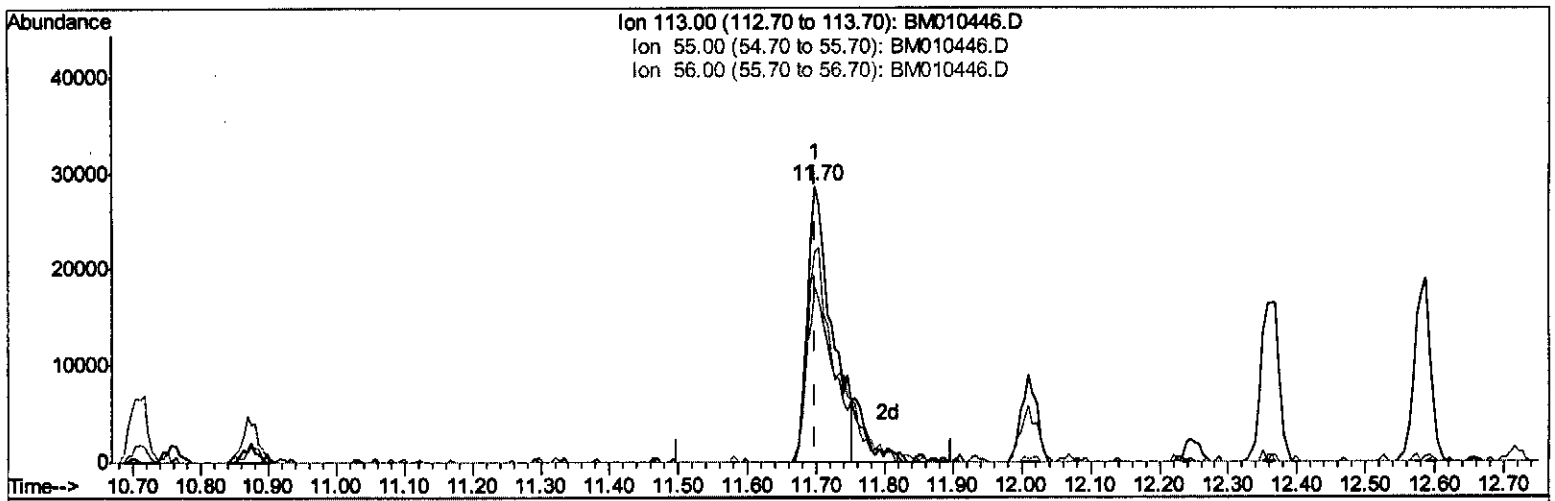
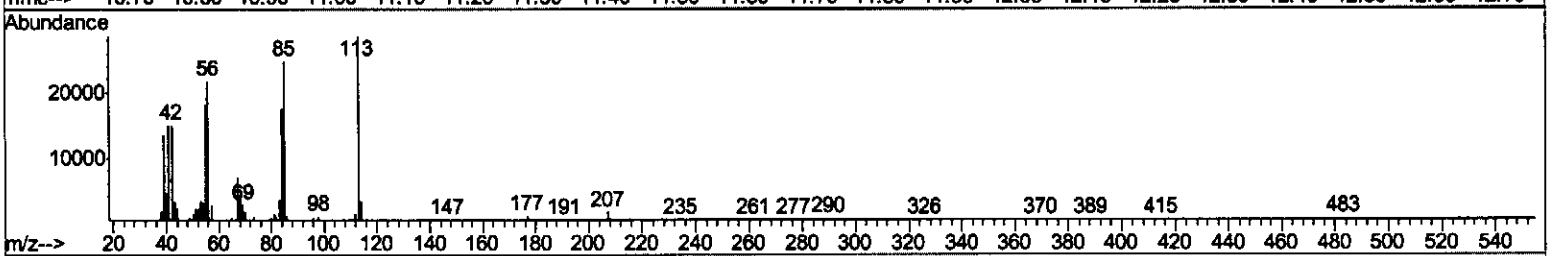
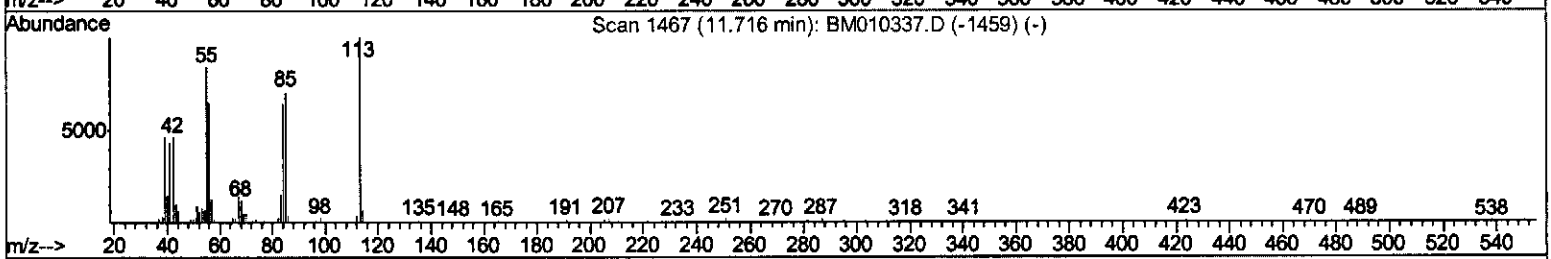
6/12/2017 11:17:40 AM







TIC: BM010446.D

(32) Caprolactam

11.698min (+0.000) 17.08ng/ul

response 70058

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	63.06#
56.00	107.50	75.87#
0.00	0.00	0.00

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mohammad
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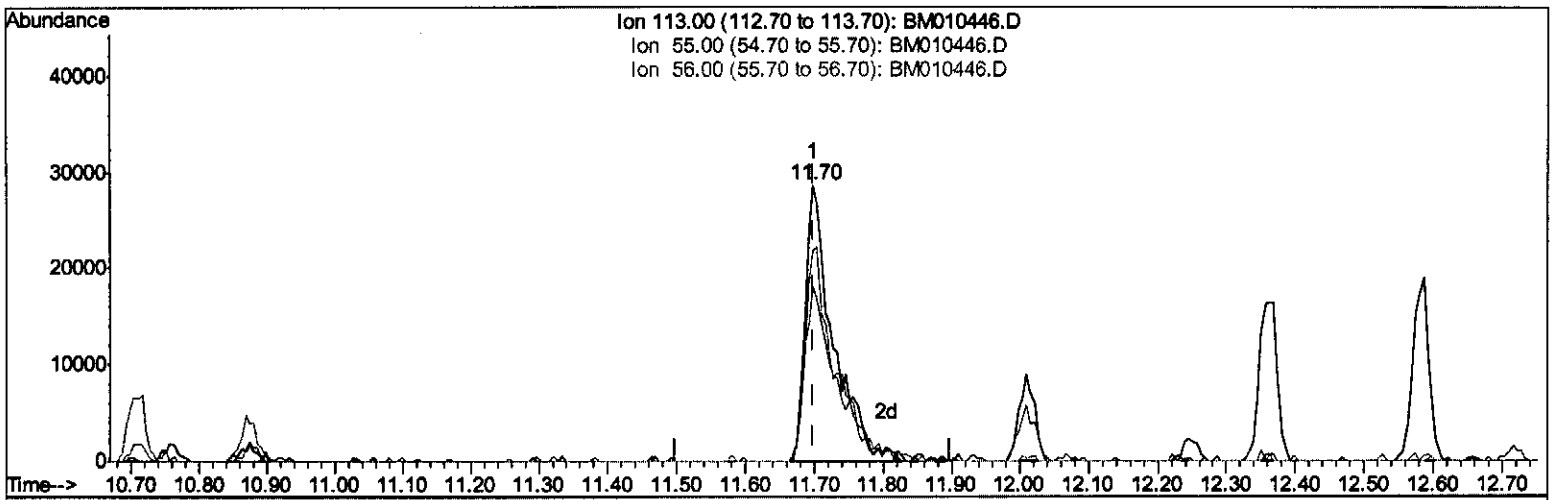

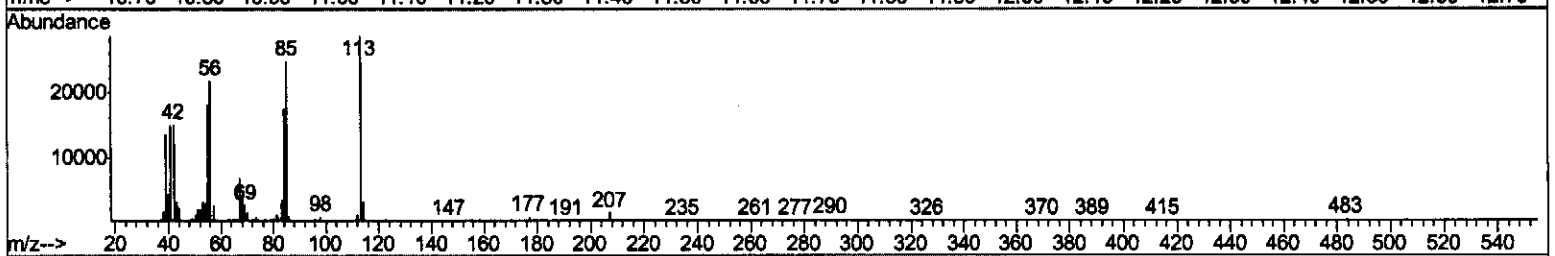

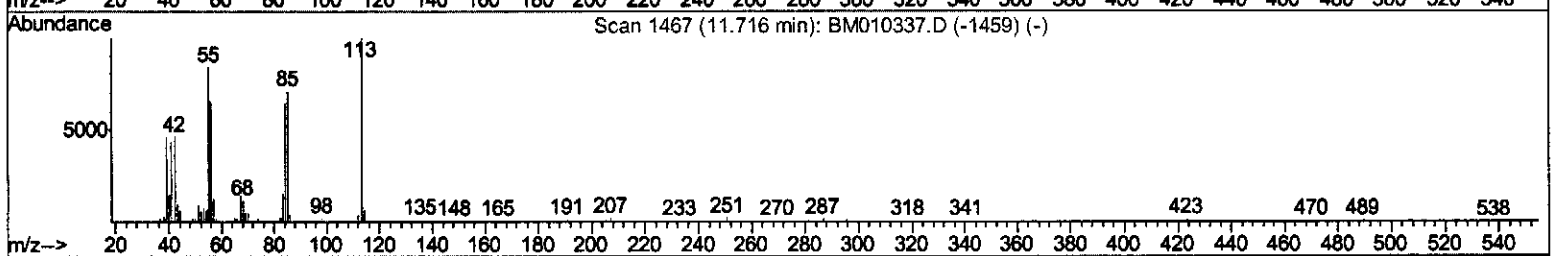

TIC: BM010446.D

(32) Caprolactam

11.698min (+0.000) 19.33ng/ul m SJ

response 79315 6/9/17

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	63.06#
56.00	107.50	75.87#
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	7.90	152	251359	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	959844	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	648384	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1483594	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1623481	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1588649	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	40880	6.67	ng/uL	0.00
5) Phenol-d5	7.09	99	364835	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	206592	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	308828	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	299659	19.50	ng/ul	-0.01
19) Nitrobenzene-d5	9.09	128	147069	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	181225	22.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	379142	22.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	375984	23.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1178616	21.88	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1336242	21.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	137052	17.00	ng/ul	0.00
57) Fluorene-d10	15.53	176	1011934	21.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	211122	20.09	ng/ul	0.00
70) Anthracene-d10	17.39	188	1465771	20.30	ng/ul	0.00
76) Pyrene-d10	19.67	212	1543843	23.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1519859	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	49093	7.518	ng/uL#	51
4) Benzaldehyde	7.07	77	277828	21.691	ng/ul	98
6) Phenol	7.12	94	372503	19.076	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.34	93	255119	18.826	ng/ul	89
10) 2-Chlorophenol	7.47	128	300362	19.714	ng/ul	93
11) 2-Methylphenol	8.36	108	286411	20.093	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.43	45	98743	16.157	ng/ul#	43
14) Acetophenone	8.75	105	501438	19.995	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.71	70	274834	21.925	ng/ul#	83
16) 4-Methylphenol	8.69	108	308927	19.759	ng/ul	93
17) Hexachloroethane	8.97	117	150413	21.740	ng/ul	88
20) Nitrobenzene	9.13	77	425970	21.215	ng/ul	95
21) Isophorone	9.64	82	684151	22.141	ng/ul	96
23) 2-Nitrophenol	9.83	139	184461	21.359	ng/ul	94
24) 2,4-Dimethylphenol	9.89	107	425916	21.214	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.12	93	351488	20.241	ng/ul	96
27) 2,4-Dichlorophenol	10.36	162	369826	22.560	ng/ul	94
28) Naphthalene	10.76	128	978335	20.321	ng/ul	99
30) 4-Chloroaniline	10.90	127	357992	22.978	ng/ul	94
31) Hexachlorobutadiene	11.00	225	350003	23.306	ng/ul	94
32) Caprolactam	11.70	113	79315m	19.334	ng/ul	
33) 4-Chloro-3-methylphenol	12.01	107	342918	21.733	ng/ul	95
34) 2-Methylnaphthalene	12.36	142	790773	21.664	ng/ul	97

SJ 6/19/17

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6/12/2017 11:17:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	589819	21.868	ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	328045	18.138	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.97	196	328405	21.421	ng/ul	93
39) 2,4,5-Trichlorophenol	13.05	196	346037	22.377	ng/ul	98
40) 1,1'-Biphenyl	13.37	154	1094063	20.800	ng/ul	99
41) 2-Chloronaphthalene	13.42	162	855834	20.711	ng/ul	99
42) 2-Nitroaniline	13.66	65	227769	21.642	ng/ul	98
44) Dimethylphthalate	14.00	163	1124421	21.224	ng/ul	100
45) 2,6-Dinitrotoluene	14.15	165	213296	21.965	ng/ul#	85
47) Acenaphthylene	14.27	152	1286752	20.952	ng/ul	98
48) 3-Nitroaniline	14.49	138	177822	19.007	ng/ul	93
49) Acenaphthene	14.60	153	882221	20.483	ng/ul	99
50) 2,4-Dinitrophenol	14.68	184	134422	18.317	ng/ul	93
52) 4-Nitrophenol	14.80	109	226882	20.540	ng/ul#	74
53) Dibenzofuran	14.94	168	1340121	21.042	ng/ul	93
54) 2,4-Dinitrotoluene	14.93	165	311717	21.859	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.17	232	328554	22.116	ng/ul	94
56) Diethylphthalate	15.35	149	1107953	21.621	ng/ul	95
58) Fluorene	15.59	166	1114522	21.334	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.58	204	664726	22.263	ng/ul	97
60) 4-Nitroaniline	15.66	138	166056	16.951	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.67	198	207355	18.622	ng/ul#	97
64) N-Nitrosodiphenylamine	15.80	169	906976	20.972	ng/ul	96
65) 4-Bromophenyl-phenylether	16.47	248	392699	21.512	ng/ul#	91
66) Hexachlorobenzene	16.57	284	384856	20.133	ng/ul#	78
67) Atrazine	16.74	200	399745	21.267	ng/ul	94
68) Pentachlorophenol	16.93	266	225217	18.508	ng/ul	97
69) Phenanthrene	17.33	178	1613660	20.374	ng/ul	99
71) Anthracene	17.42	178	1684110	20.368	ng/ul	99
72) Carbazole	17.71	167	1291895	18.460	ng/ul	99
73) Di-n-butylphthalate	18.23	149	1617878	20.478	ng/ul#	98
74) Fluoranthene	19.34	202	1885567	19.360	ng/ul	97
77) Pyrene	19.70	202	1929832	23.068	ng/ul#	96
78) Butylbenzylphthalate	20.57	149	643513	22.257	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.38	252	617810	19.387	ng/ul	97
80) Benzo(a)anthracene	21.44	228	1910114	20.864	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	914202	21.251	ng/ul	99
82) Chrysene	21.49	228	1664327	20.111	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	1593615	21.795	ng/ul#	93
85) Benzo(b)fluoranthene	23.08	252	1909220	20.653	ng/ul	100
86) Benzo(k)fluoranthene	23.13	252	1868236	21.156	ng/ul	98
88) Benzo(a)pyrene	23.69	252	1893137	20.661	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.19	276	2459183	21.243	ng/ul	97
90) Dibenzo(a,h)anthracene	26.19	278	2075175	20.814	ng/ul	98
91) Benzo(g,h,i)perylene	26.93	276	2024496	21.227	ng/ul	98

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