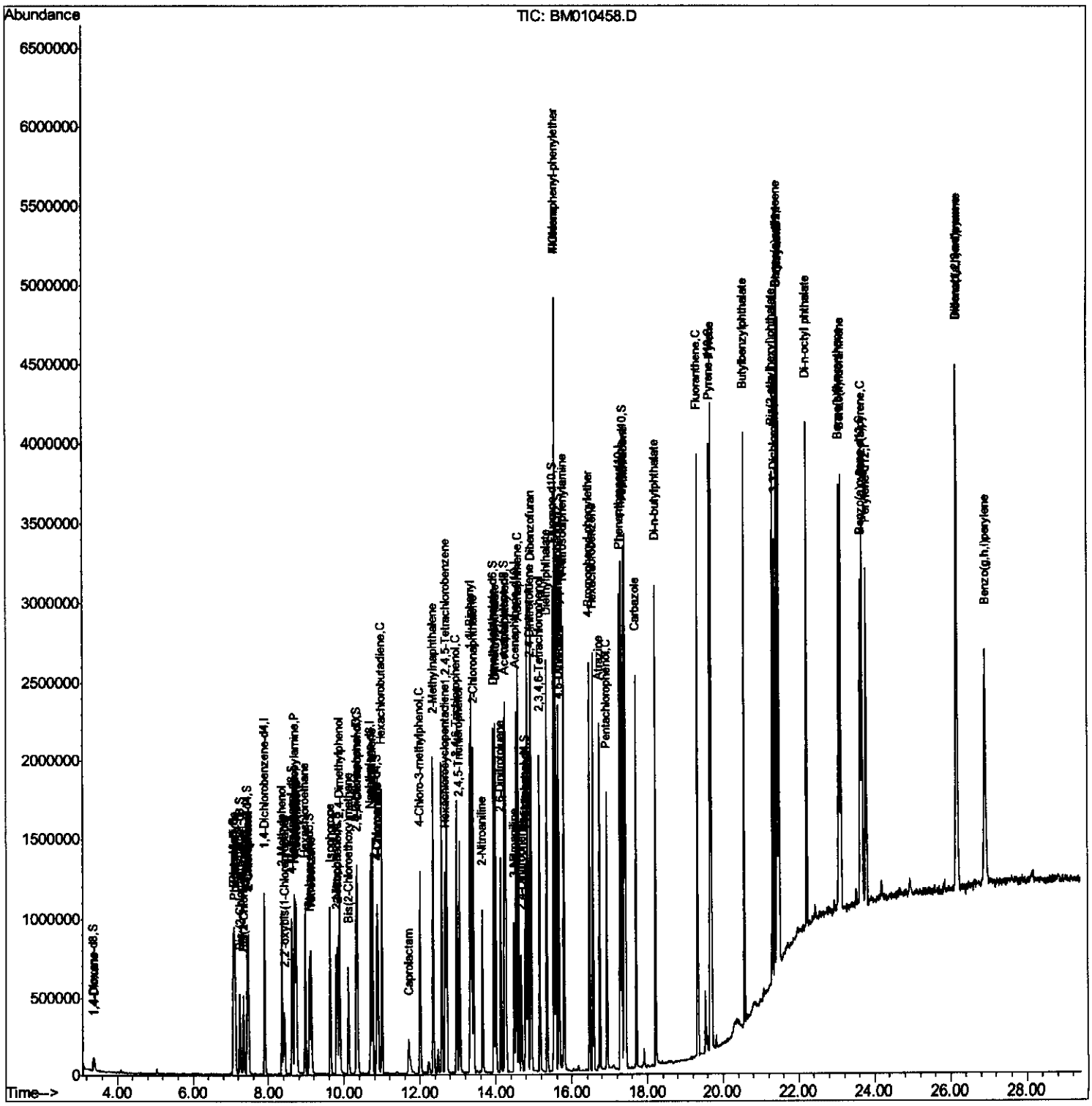
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060917\
Data File : BM010458.D
Acq On : 09 Jun 2017 17:52
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 02:30:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 01:45:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02020

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:08 AM



Quantitation Report (Qedit)

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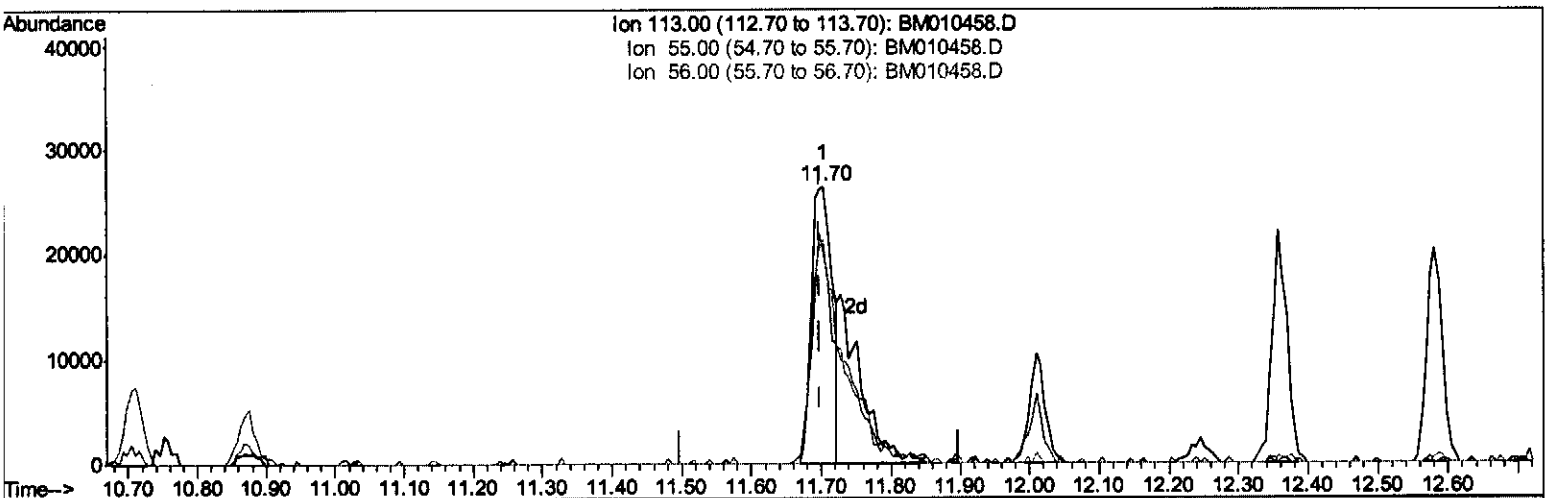

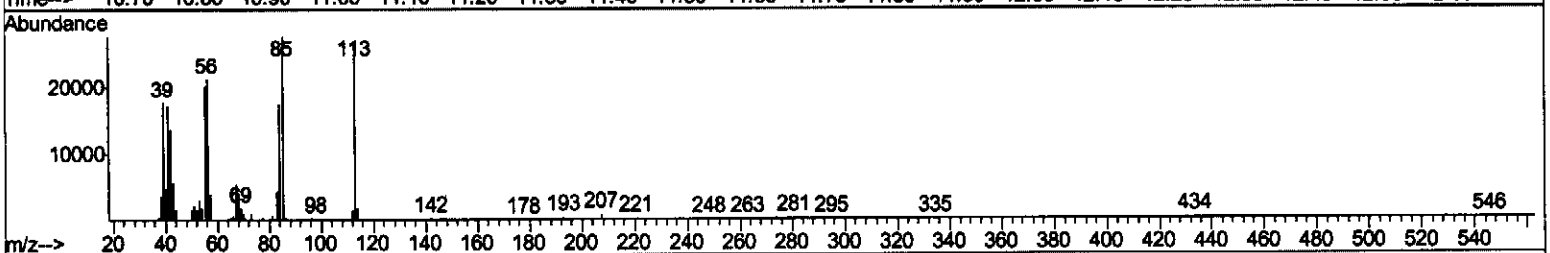

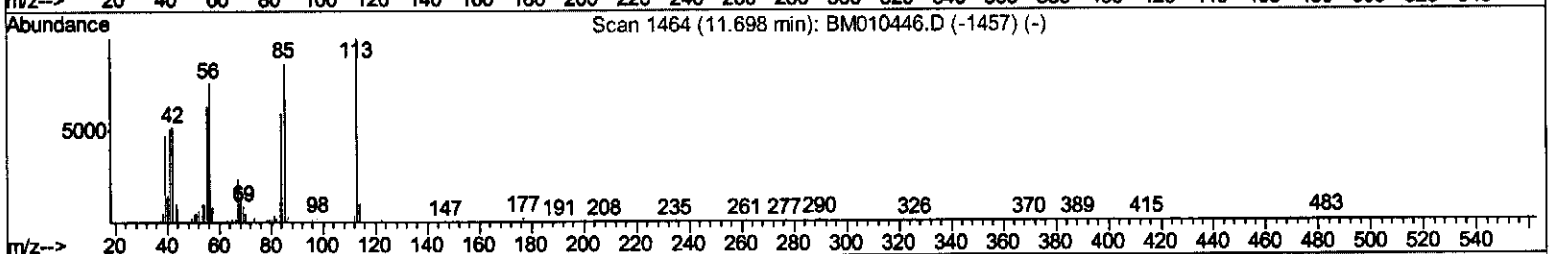

TIC: BM010458.D

(32) Caprolactam

11.704min (+0.006) 13.46ng/ul

response 55655

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	76.42#
56.00	107.50	80.99#
0.00	0.00	0.00

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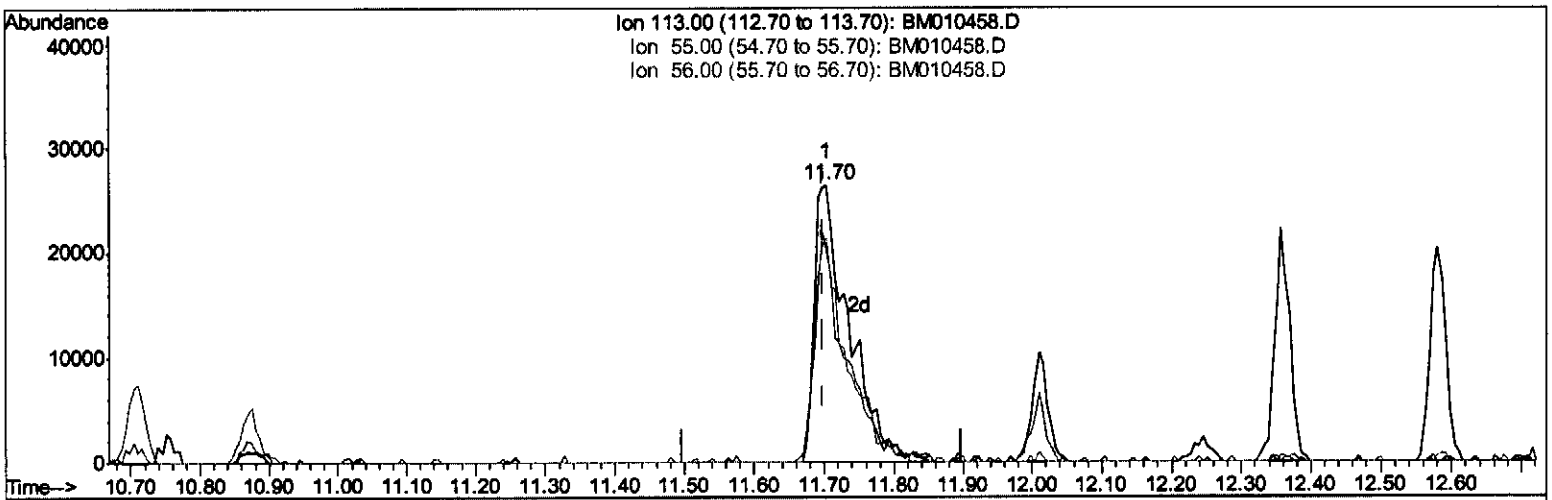

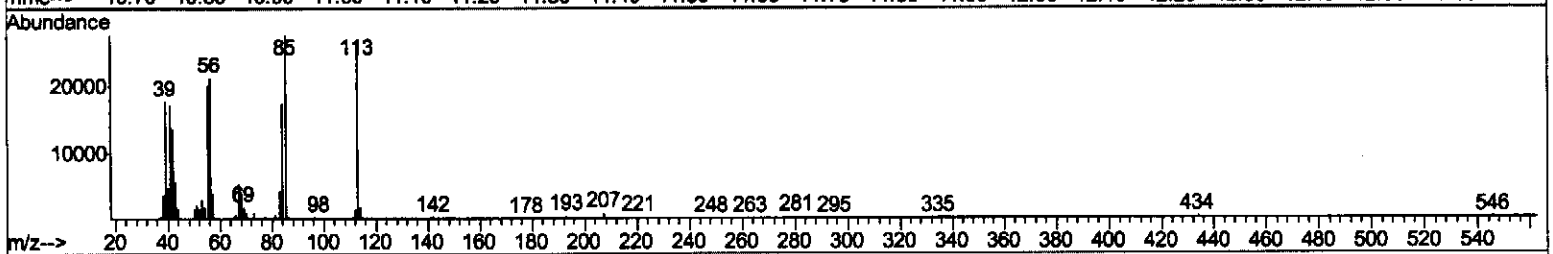

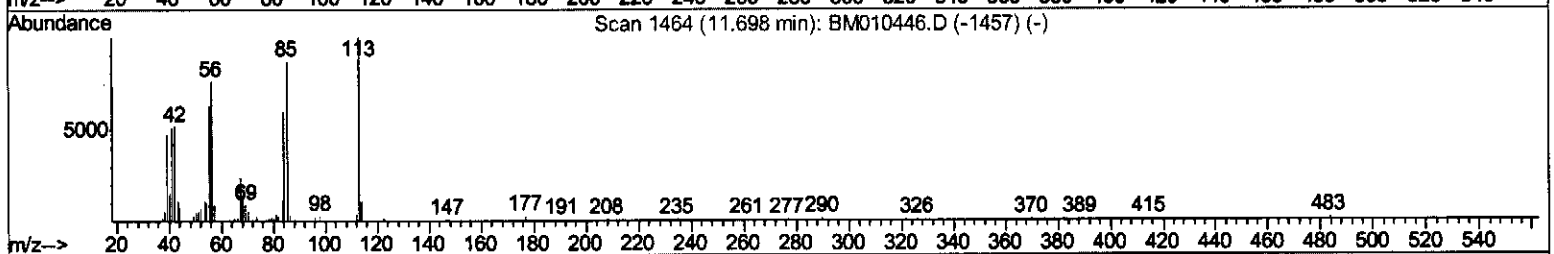

TIC: BM010458.D

(32) Caprolactam

11.704min (+0.006) 21.74ng/ul m SJ 6/14/17

response 89868

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	76.42#
56.00	107.50	80.99#
0.00	0.00	0.00

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6/12/2017 11:18:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	249347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	967306	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	685234	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1668671	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1826767	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1580704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	43507	7.16	ng/uL	0.00
5) Phenol-d5	7.09	99	354580	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	195511	18.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	304885	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	298683	19.59	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	149124	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	176874	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	391268	23.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	383984	23.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1221519	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1376981	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	162713	19.10	ng/ul	0.00
57) Fluorene-d10	15.53	176	1081881	21.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	236949	20.05	ng/ul	0.00
70) Anthracene-d10	17.39	188	1721843	21.21	ng/ul	0.00
76) Pyrene-d10	19.67	212	1867695	24.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1514506	20.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	48665	7.513	ng/uL#	58
4) Benzaldehyde	7.07	77	274130	21.575	ng/ul	97
6) Phenol	7.12	94	368289	19.012	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.34	93	250927	18.666	ng/ul	88
10) 2-Chlorophenol	7.47	128	303034	20.050	ng/ul	93
11) 2-Methylphenol	8.36	108	275062	19.453	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	96674	15.946	ng/ul#	46
14) Acetophenone	8.75	105	492315	19.790	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.71	70	271000	21.794	ng/ul#	80
16) 4-Methylphenol	8.69	108	308821	19.911	ng/ul	95
17) Hexachloroethane	8.97	117	148035	21.569	ng/ul	89
20) Nitrobenzene	9.13	77	440947	21.791	ng/ul	96
21) Isophorone	9.63	82	680490	21.853	ng/ul	98
23) 2-Nitrophenol	9.83	139	188091	21.612	ng/ul	93
24) 2,4-Dimethylphenol	9.89	107	429266	21.216	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.12	93	347230	19.841	ng/ul	99
27) 2,4-Dichlorophenol	10.36	162	374644	22.678	ng/ul	92
28) Naphthalene	10.76	128	988463	20.373	ng/ul	99
30) 4-Chloroaniline	10.90	127	373692	23.800	ng/ul	92
31) Hexachlorobutadiene	11.00	225	349502	23.093	ng/ul	98
32) Caprolactam	11.70	113	89868m	21.738	ng/ul	
33) 4-Chloro-3-methylphenol	12.01	107	356952	22.448	ng/ul	98
34) 2-Methylnaphthalene	12.36	142	806621	21.928	ng/ul	96

SJ 06/19/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	589671	20.687 ng/ul#	95
37) Hexachlorocyclopentadiene	12.67	237	332206	17.380 ng/ul#	96
38) 2,4,6-Trichlorophenol	12.97	196	354707	21.892 ng/ul	93
39) 2,4,5-Trichlorophenol	13.05	196	354001	21.661 ng/ul	97
40) 1,1'-Biphenyl	13.37	154	1134372	20.407 ng/ul	98
41) 2-Chloronaphthalene	13.42	162	877587	20.096 ng/ul	98
42) 2-Nitroaniline	13.66	65	241442	21.707 ng/ul	98
44) Dimethylphthalate	14.00	163	1170402	20.903 ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	225865	22.009 ng/ul#	80
47) Acenaphthylene	14.27	152	1354921	20.876 ng/ul	99
48) 3-Nitroaniline	14.49	138	186699	18.882 ng/ul	99
49) Acenaphthene	14.60	153	916868	20.143 ng/ul	100
50) 2,4-Dinitrophenol	14.68	184	154760	19.954 ng/ul	94
52) 4-Nitrophenol	14.80	109	258894	22.178 ng/ul#	81
53) Dibenzofuran	14.94	168	1430187	21.248 ng/ul	95
54) 2,4-Dinitrotoluene	14.92	165	343976	22.824 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.17	232	361891	23.050 ng/ul#	96
56) Diethylphthalate	15.35	149	1172980	21.659 ng/ul	95
58) Fluorene	15.59	166	1188707	21.530 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.57	204	714476	22.643 ng/ul	98
60) 4-Nitroaniline	15.66	138	189240	18.279 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.67	198	241761	19.304 ng/ul#	95
64) N-Nitrosodiphenylamine	15.80	169	972728	19.998 ng/ul	99
65) 4-Bromophenyl-phenylether	16.47	248	436473	21.258 ng/ul	94
66) Hexachlorobenzene	16.57	284	433131	20.145 ng/ul#	82
67) Atrazine	16.74	200	448378	21.208 ng/ul	95
68) Pentachlorophenol	16.93	266	263300	19.238 ng/ul	98
69) Phenanthrene	17.33	178	1817447	20.402 ng/ul	99
71) Anthracene	17.42	178	1928885	20.741 ng/ul	99
72) Carbazole	17.71	167	1517644	19.280 ng/ul	99
73) Di-n-butylphthalate	18.22	149	1900747	21.390 ng/ul	98
74) Fluoranthene	19.34	202	2265835	20.684 ng/ul#	96
77) Pyrene	19.70	202	2291234	24.340 ng/ul#	95
78) Butylbenzylphthalate	20.57	149	805123	24.748 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.38	252	693563	19.342 ng/ul	94
80) Benzo(a)anthracene	21.44	228	2175090	21.115 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	1131823	23.381 ng/ul	99
82) Chrysene	21.49	228	1903467	20.441 ng/ul	98
84) Di-n-octyl phthalate	22.22	149	1829934	25.153 ng/ul#	93
85) Benzo(b)fluoranthene	23.08	252	2001156	21.757 ng/ul	99
86) Benzo(k)fluoranthene	23.13	252	1842037	20.964 ng/ul	99
88) Benzo(a)pyrene	23.69	252	1888165	20.710 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.19	276	2330720	20.234 ng/ul	99
90) Dibenzo(a,h)anthracene	26.19	278	1997513	20.135 ng/ul	95
91) Benzo(g,h,i)perylene	26.93	276	1875338	19.762 ng/ul	97

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