Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009220.D
Acq On : 13 Mar 2017 16:34
Operator : SJ/MA
Sample : SSTD04063
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:27:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA_M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:23:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04063

Manual Integrations APPROVED
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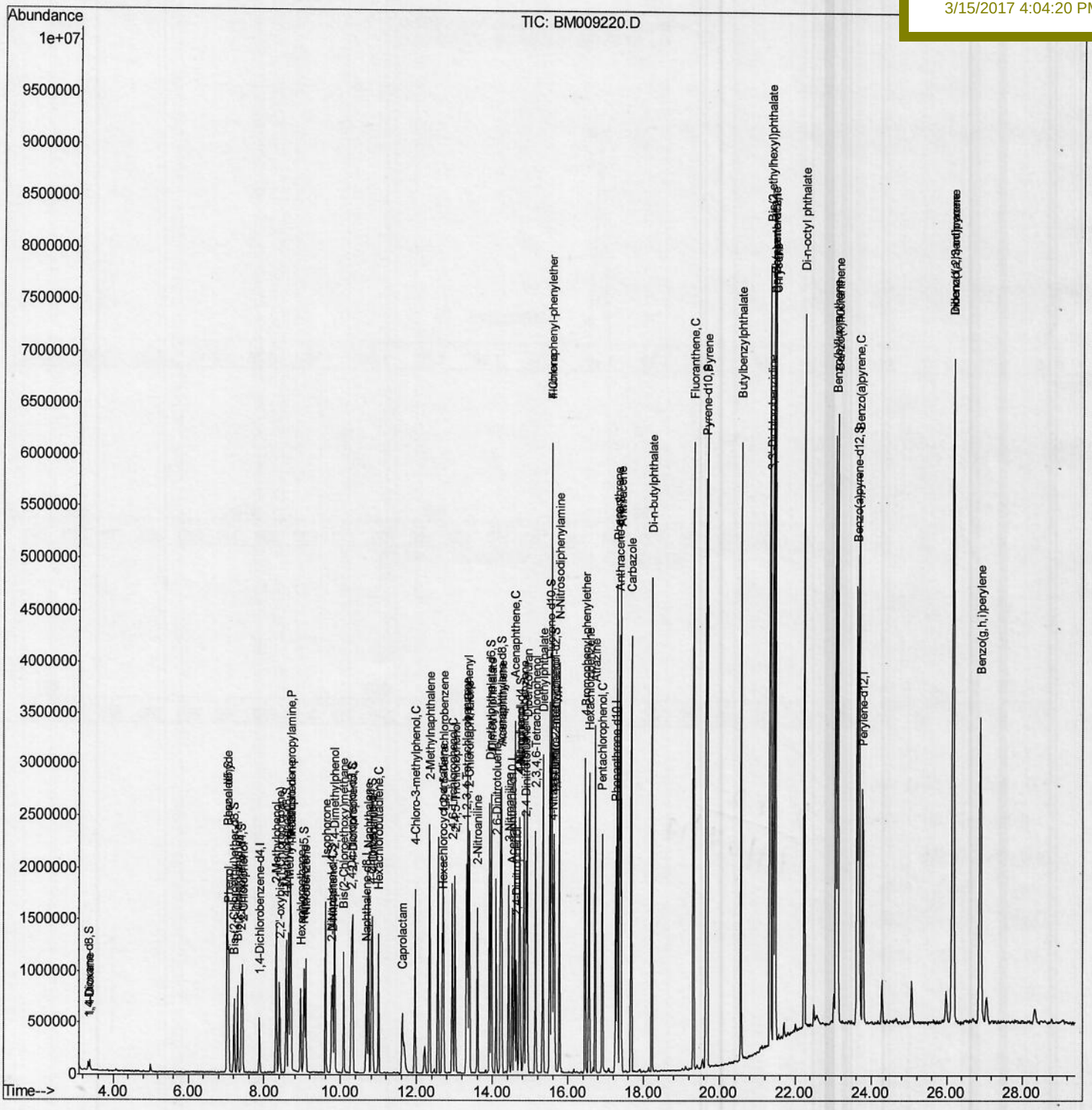

Quantitation Report (Qedit)

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Quant Time: Mar 13 17:26:26 2017
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Instrument :
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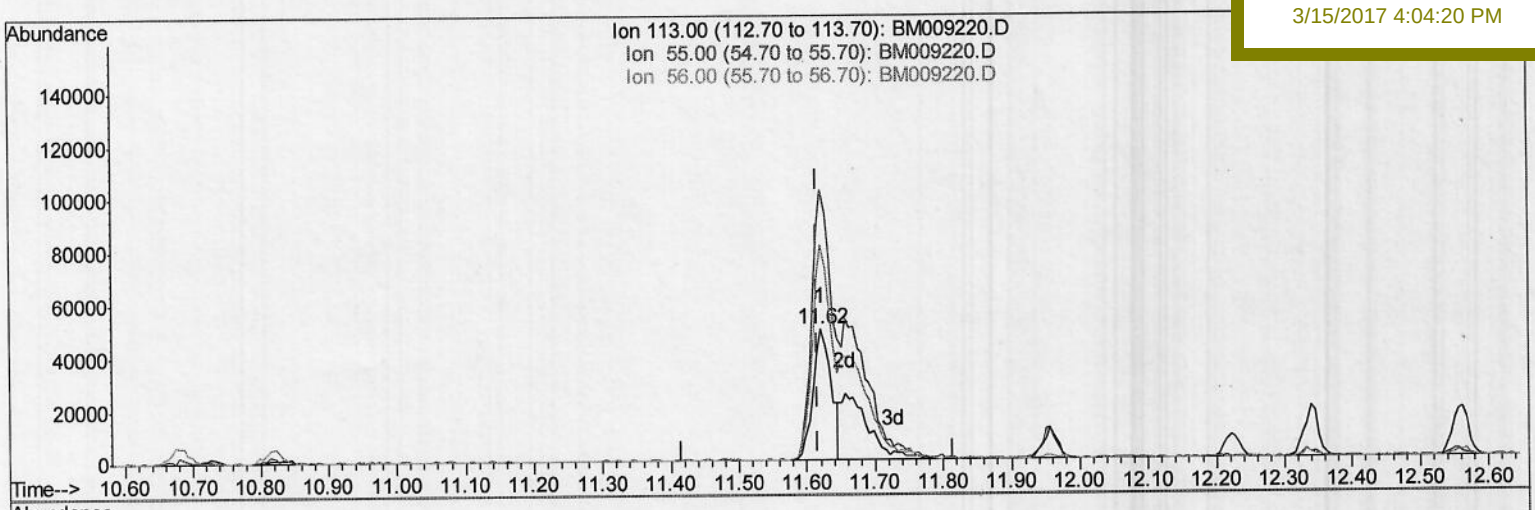
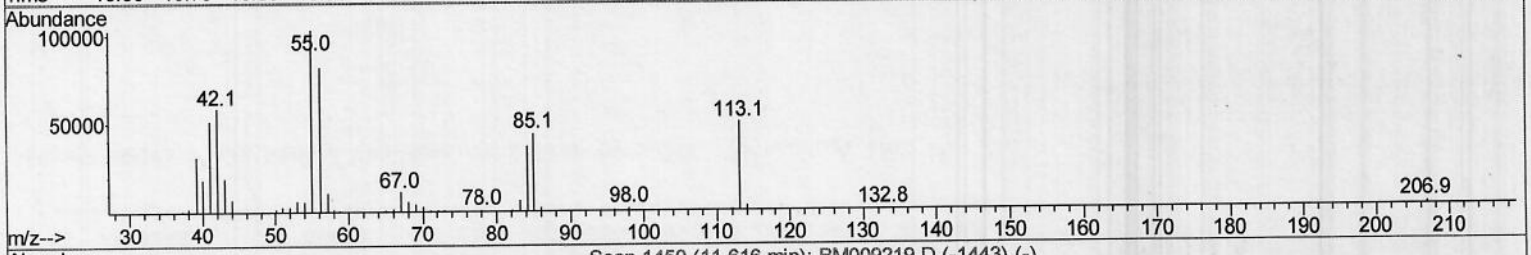
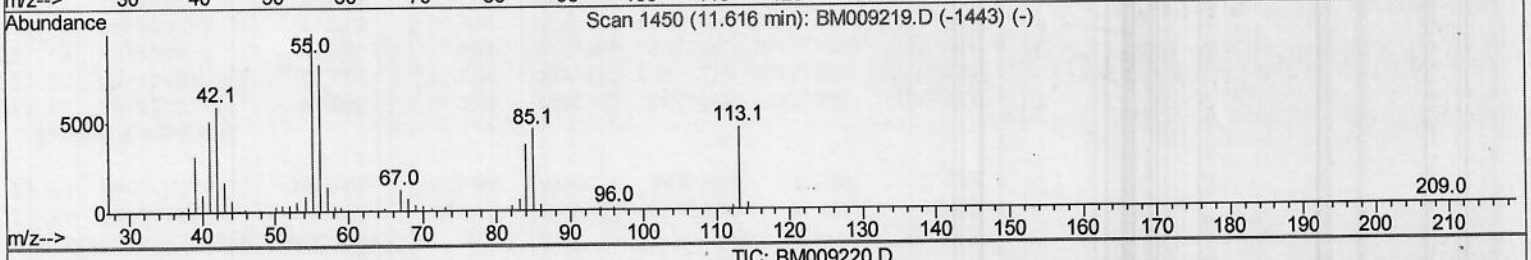
3/15/2017 4:04:20 PM







TIC: BM009220.D

(32) Caprolactam

11.622min (+0.006) 34.74ng/ul

response 94542

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	205.17#
56.00	101.50	163.29#
0.00	0.00	0.00

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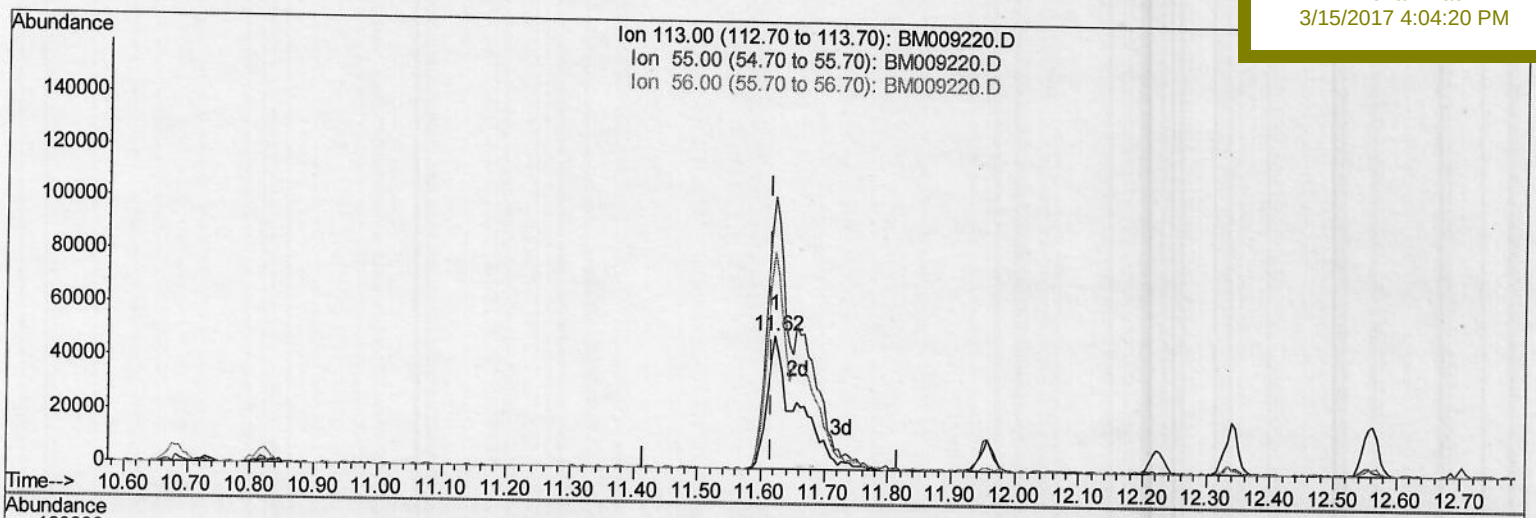

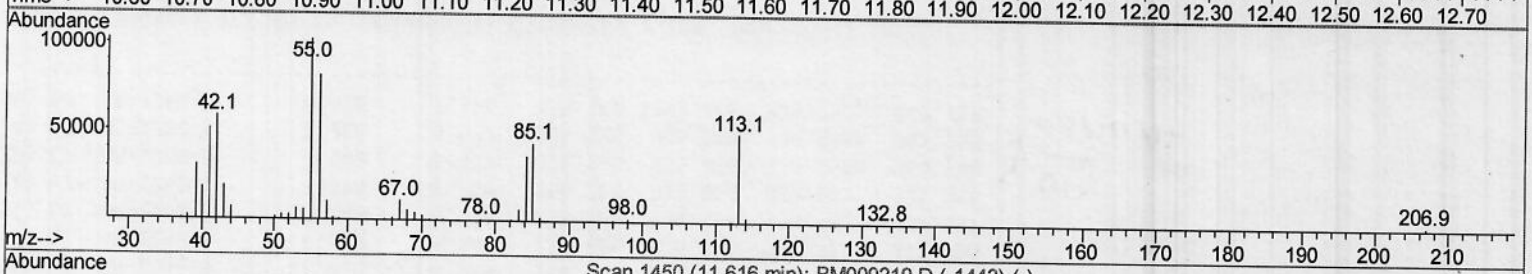

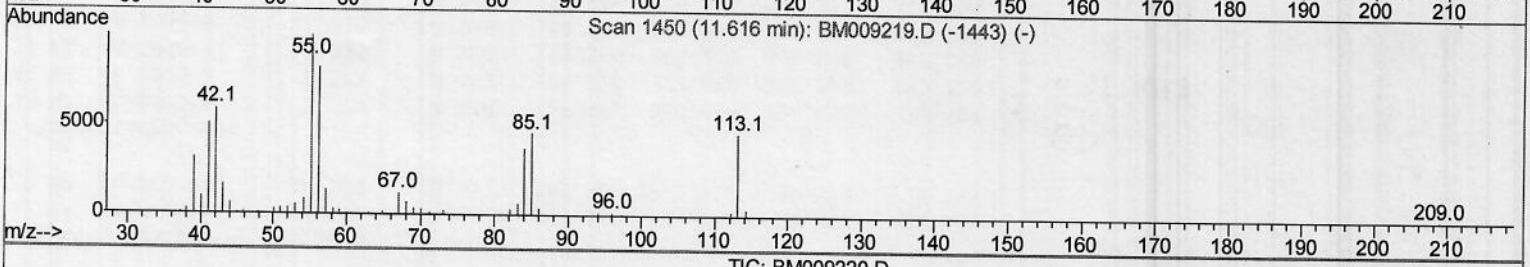

TIC: BM009220.D

(32) Caprolactam

11.622min (+0.006) 61.21ng/ul m

SJ
03/18/2017

response 166581

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	205.17#
56.00	101.50	163.29#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	118084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	597331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	505645	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1183201	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1705149	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1723011	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	39542	15.76	ng/uL	0.00
5) Phenol-d5	7.03	99	516120	57.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	333051	63.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	332846	48.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	418634	59.28	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	177009	41.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	201203	41.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	422198	47.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	512494	51.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1488666	44.81	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1754240	44.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	302300	60.49	ng/ul	0.00
57) Fluorene-d10	15.52	176	1346442	46.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	285197	41.27	ng/ul	0.00
70) Anthracene-d10	17.37	188	2288591	44.25	ng/ul	0.00
78) Pyrene-d10	19.66	212	2780596	41.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	3229546	44.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	42989	14.10	ng/uL#	72
4) Benzaldehyde	7.03	77	380200	62.75	ng/ul	84
6) Phenol	7.06	94	551503	58.66	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.30	93	391900	54.91	ng/ul#	78
10) 2-Chlorophenol	7.44	128	331884	47.82	ng/ul#	77
11) 2-Methylphenol	8.32	108	398973	57.83	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.41	45	652582	81.00	ng/ul#	87
14) Acetophenone	8.70	105	684912	59.79	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.69	70	435440	74.11	ng/ul#	79
16) 4-Methylphenol	8.65	108	451240	60.50	ng/ul	99
17) Hexachloroethane	8.96	117	141248	44.54	ng/ul	95
20) Nitrobenzene	9.09	77	581869	51.62	ng/ul#	81
21) Isophorone	9.61	82	1140768	57.05	ng/ul#	92
23) 2-Nitrophenol	9.79	139	214753	43.27	ng/ul#	60
24) 2,4-Dimethylphenol	9.85	107	549619	49.89	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.09	93	611394	52.68	ng/ul#	94
27) 2,4-Dichlorophenol	10.32	162	419206	47.34	ng/ul	98
28) Naphthalene	10.73	128	1219109	42.96	ng/ul	99
30) 4-Chloroaniline	10.85	127	535957	52.86	ng/ul	99
31) Hexachlorobutadiene	11.00	225	271360	37.77	ng/ul	99
32) Caprolactam	11.62	113	166581m	61.21	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	539567	56.52	ng/ul	92
34) 2-Methylnaphthalene	12.34	142	974528	47.80	ng/ul	100

SJ
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Manual Integrations APPROVED
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3/15/2017 4:04:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	590408	37.26	ng/ul	99
37) Hexachlorocyclopentadiene	12.67	237	323652	53.07	ng/ul	97
38) 2,4,6-Trichlorophenol	12.95	196	397199	43.35	ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	436888	44.88	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	1375782	41.05	ng/ul#	98
41) 2-Chloronaphthalene	13.40	162	1063259	41.11	ng/ul	96
42) 2-Nitroaniline	13.60	65	460989	59.53	ng/ul#	66
44) Dimethylphthalate	13.97	163	1487320	45.72	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	306947	48.08	ng/ul#	81
47) Acenaphthylene	14.24	152	1749338	43.39	ng/ul	99
48) 3-Nitroaniline	14.43	138	323076	51.60	ng/ul#	69
49) Acenaphthene	14.59	153	1208231	43.57	ng/ul	99
50) 2,4-Dinitrophenol	14.64	184	188382	51.80	ng/ul#	83
52) 4-Nitrophenol	14.73	109	347172	69.66	ng/ul#	76
53) Dibenzofuran	14.92	168	1777041	44.33	ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	475698	50.38	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.14	232	426799	46.84	ng/ul	90
56) Diethylphthalate	15.34	149	1578612	48.43	ng/ul	99
58) Fluorene	15.57	166	1541381	47.01	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	805334	45.84	ng/ul#	88
60) 4-Nitroaniline	15.60	138	374884	65.66	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.65	198	286165	40.17	ng/ul	93
64) N-Nitrosodiphenylamine	15.77	169	1350086	41.53	ng/ul	99
65) 4-Bromophenyl-phenylether	16.46	248	508479	38.54	ng/ul	90
66) Hexachlorobenzene	16.57	284	567481	38.53	ng/ul	92
67) Atrazine	16.73	200	554097	41.98	ng/ul	96
68) Pentachlorophenol	16.91	266	367375	45.56	ng/ul	98
69) Phenanthrene	17.31	178	2633109	43.16	ng/ul	99
71) Anthracene	17.40	178	2732930	44.34	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	559186	31.57	ng/uL	98
73) Pentachlorobenzene	14.83	250	596078	33.31	ng/uL	98
74) Carbazole	17.67	167	2508458	46.48	ng/ul	98
75) Di-n-butylphthalate	18.22	149	2968740	47.94	ng/ul#	99
76) Fluoranthene	19.32	202	3426347	46.31	ng/ul	98
79) Pyrene	19.69	202	3619194	42.65	ng/ul	97
80) Butylbenzylphthalate	20.57	149	1475364	47.07	ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.36	252	1436894	49.32	ng/ul	97
82) Benzo(a)anthracene	21.43	228	3950158	44.60	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	2209625	48.07	ng/ul	98
84) Chrysene	21.48	228	3717641	43.67	ng/ul	99
86) Di-n-octyl phthalate	22.24	149	3967057	47.14	ng/ul#	88
87) Benzo(b)fluoranthene	23.07	252	4174322	45.34	ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	3929938	44.00	ng/ul#	97
90) Benzo(a)pyrene	23.68	252	4036898	45.29	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.17	276	4798521	43.89	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.17	278	4034397	43.87	ng/ul#	95
93) Benzo(g,h,i)perylene	26.90	276	3995149	43.88	ng/ul#	92

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