Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071420\
Data File : BM026755.D
Acq On : 14 Jul 2020 16:34
Operator : JU/CG
Sample : L1955-09
Misc : MDL-WATER-02
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 14 17:05:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-02

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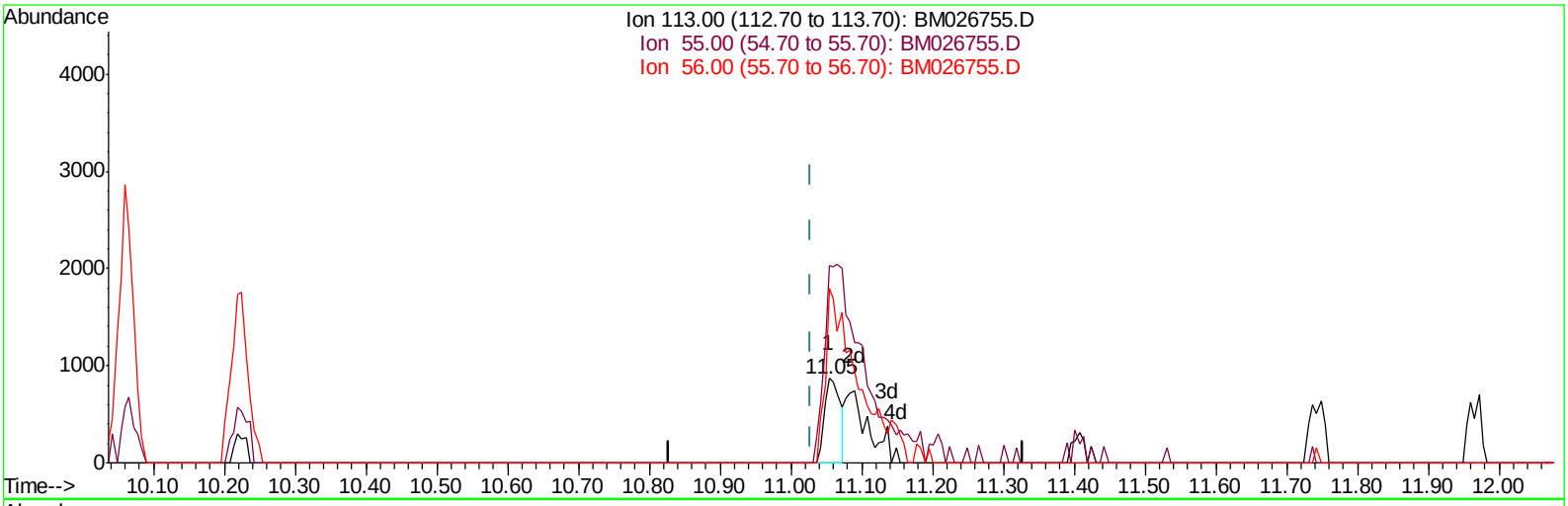

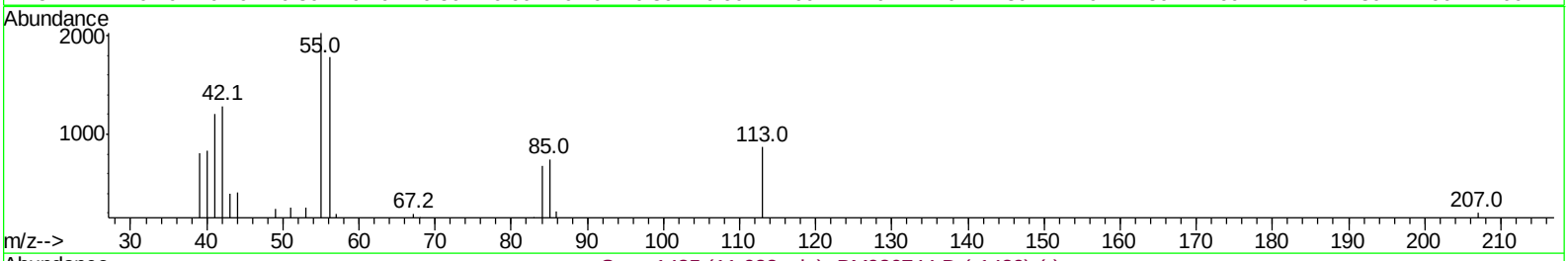

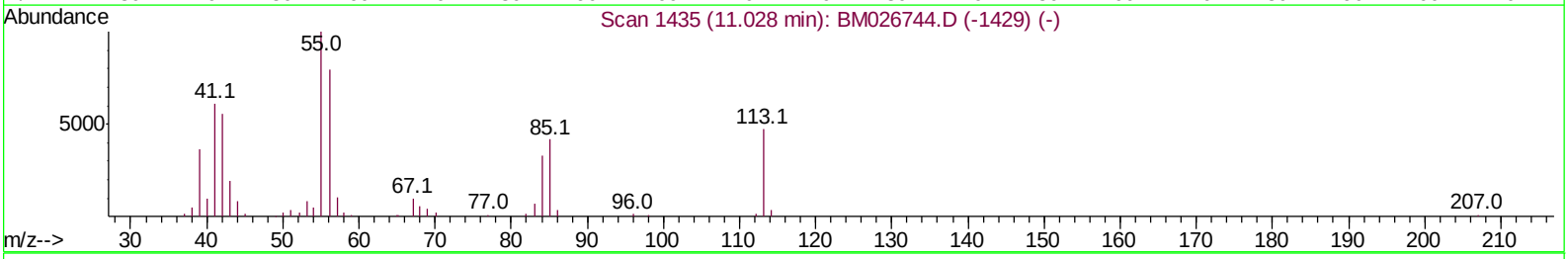

TIC: BM026755.D

(32) Caprolactam

11.054min (+0.026) 1.19ng/ul

response 1333

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	233.07
56.00	168.60	205.74#
0.00	0.00	0.00

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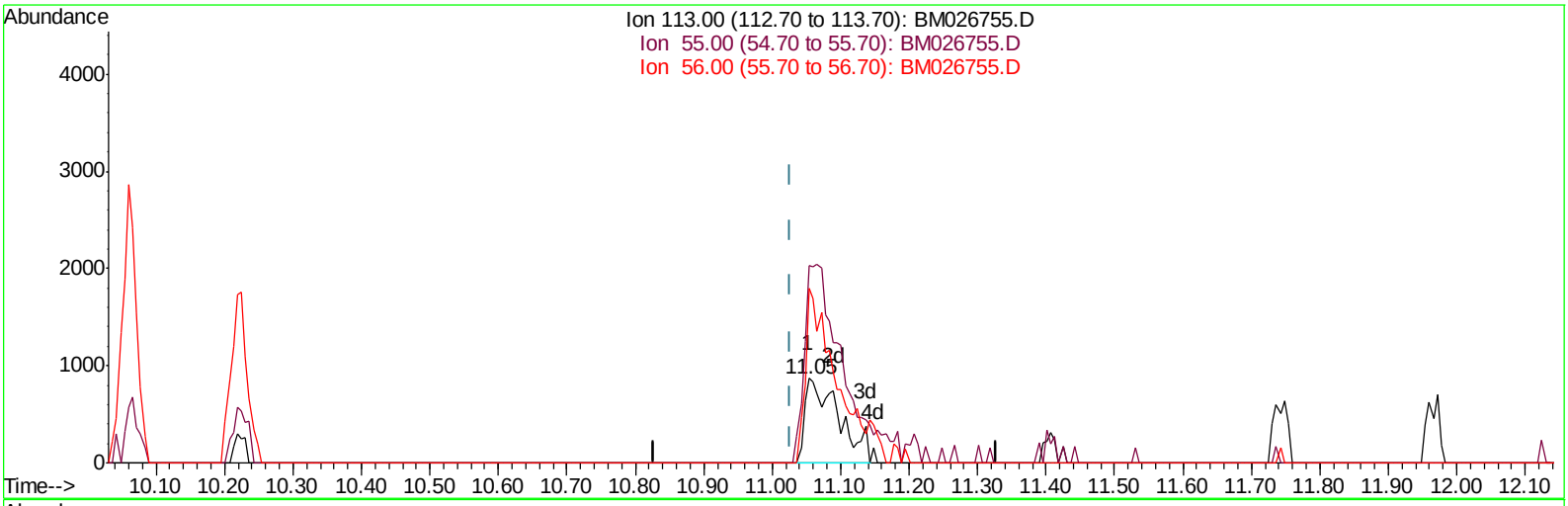

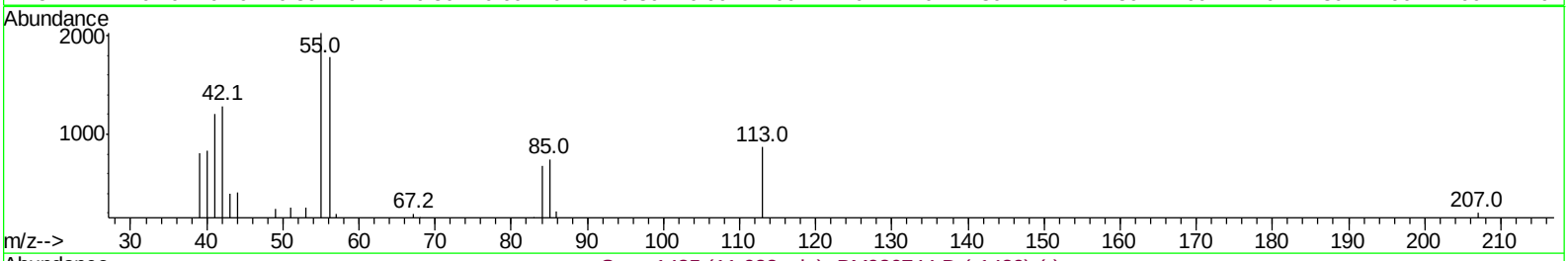

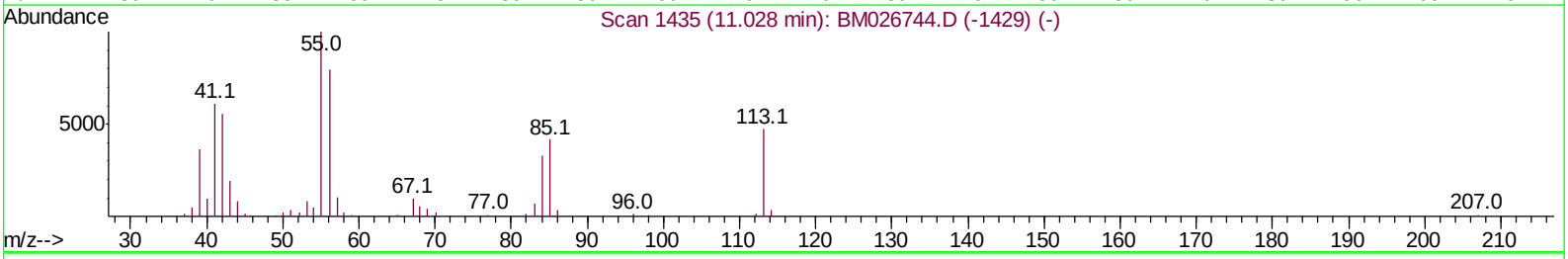

TIC: BM026755.D

(32) Caprolactam

11.054min (+0.026) 2.66ng/ul m

response 2982

Ion	Exp%	Act%
113.00	100	100
55.00	224.90	233.07
56.00	168.60	205.74#
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
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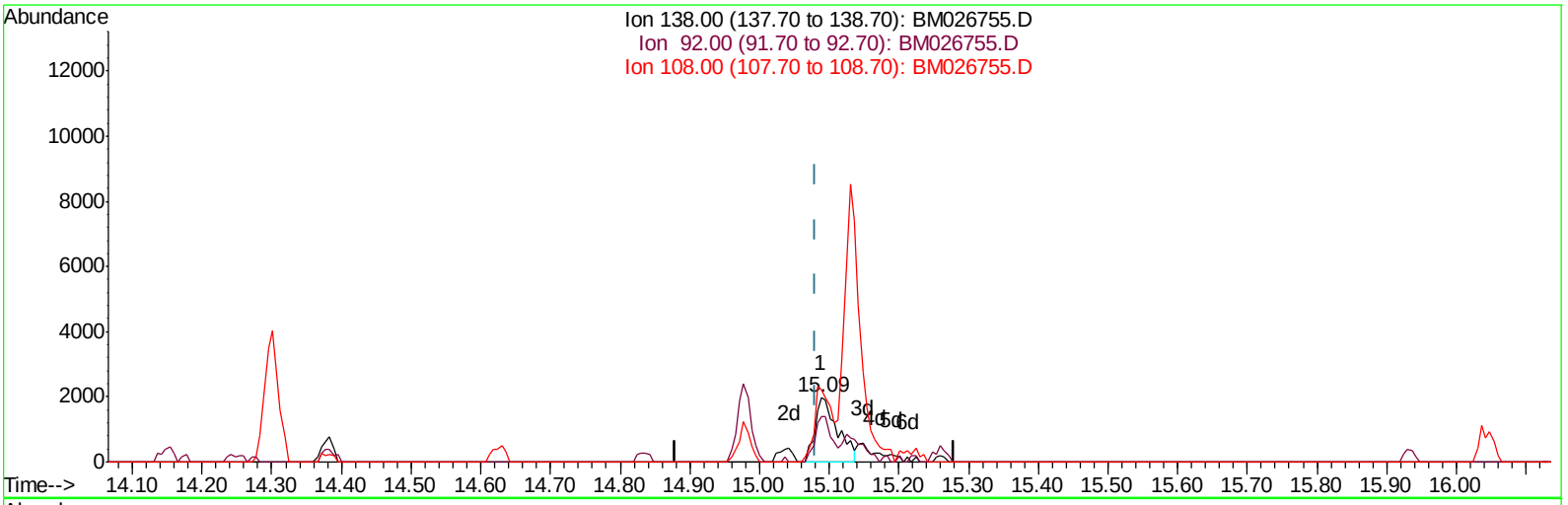

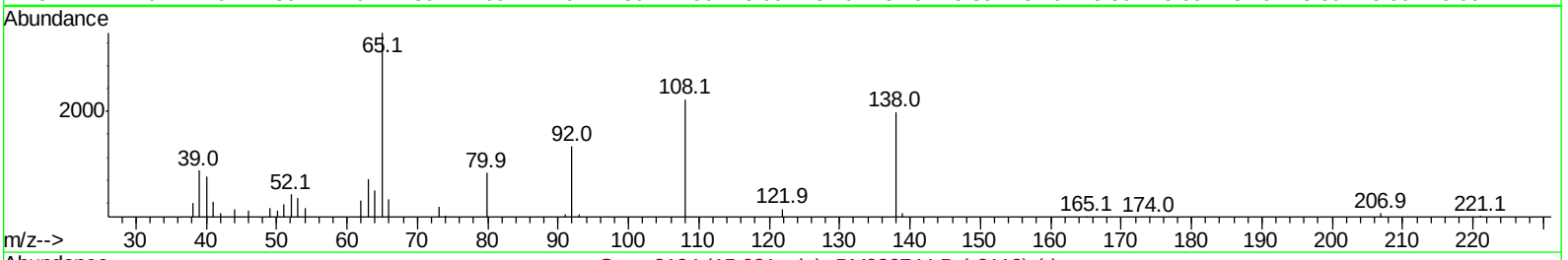

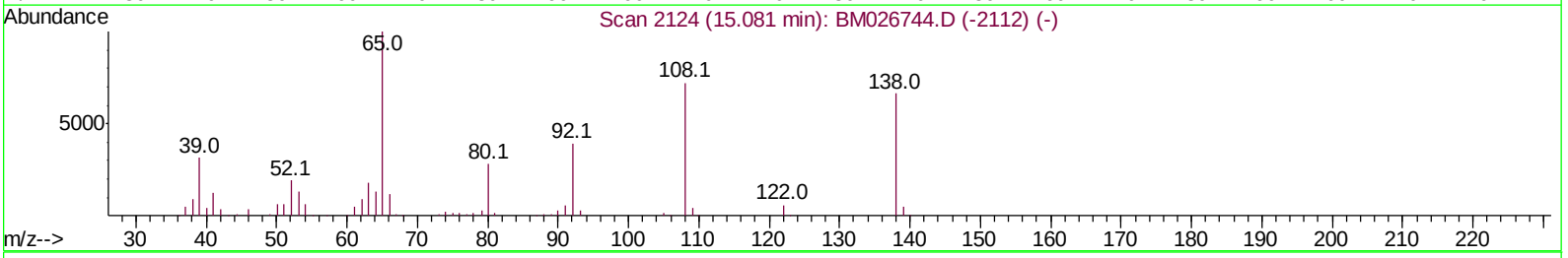

TIC: BM026755.D

(61) 4-Nitroaniline

15.089min (+0.008) 2.05ng/ul

response 4400

Ion	Exp%	Act%
138.00	100	100
92.00	59.60	69.71
108.00	103.20	111.10
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_M
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Manual Integrations APPROVED
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Quant Time: Jul 14 17:06:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	61857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.07	136	238019	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	141300	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	277469	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	274789	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	327353	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3221	1.56	ng/uL	0.00
5) Phenol-d5	6.52	99	155747	27.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	111164	29.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	125044	28.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	118870	26.24	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	56783	30.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	61217	30.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	112290	28.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	148838	35.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	328740	29.16	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	399741	29.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	34830	21.41	ng/ul	0.00
58) Fluorene-d10	14.98	176	273168	27.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	44810	25.85	ng/ul	0.00
71) Anthracene-d10	16.83	188	410021	30.01	ng/ul	0.00
79) Pyrene-d10	19.14	212	451959	31.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	500562	28.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3148	1.412	ng/uL	94
4) Benzaldehyde	6.48	77	9654	3.209	ng/ul	96
6) Phenol	6.55	94	21401	3.436	ng/ul#	80
8) Bis(2-Chloroethyl)ether	6.76	93	16911	3.566	ng/ul	100
10) 2-Chlorophenol	6.88	128	17115	3.567	ng/ul	97
11) 2-Methylphenol	7.78	108	14563	3.273	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.84	45	34694	3.771	ng/ul	98
14) Acetophenone	8.14	105	26024	3.390	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.12	70	14501	3.198	ng/ul#	97
16) 4-Methylphenol	8.10	108	16085	3.252	ng/ul	96
17) Hexachloroethane	8.36	117	7899	3.715	ng/ul#	90
20) Nitrobenzene	8.50	77	22831	3.846	ng/ul	97
21) Isophorone	9.02	82	34040	3.411	ng/ul	99
23) 2-Nitrophenol	9.20	139	8159	3.513	ng/ul#	82
24) 2,4-Dimethylphenol	9.28	107	19010	3.555	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.51	93	21727	3.662	ng/ul	95
27) 2,4-Dichlorophenol	9.74	162	14754	3.633	ng/ul	98
28) Naphthalene	10.11	128	51124	3.629	ng/ul	99
30) 4-Chloroaniline	10.24	127	19935	4.533	ng/ul	100
31) Hexachlorobutadiene	10.40	225	11170	3.795	ng/ul	93
32) Caprolactam	11.05	113	2982m	2.658	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	14638	3.167	ng/ul	93
34) 2-Methylnaphthalene	11.74	142	33982	3.443	ng/ul	96

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Quant Time: Jul 14 17:06:51 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	33072	3.595 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	19744	3.844 ng/ul	99
38) Hexachlorocyclopentadiene	12.10	237	2672	1.019 ng/ul#	89
39) 2,4,6-Trichlorophenol	12.40	196	9926	3.274 ng/ul	87
40) 2,4,5-Trichlorophenol	12.48	196	10714	3.231 ng/ul	90
41) 1,1'-Biphenyl	12.79	154	43940	3.593 ng/ul	97
42) 2-Chloronaphthalene	12.82	162	33922	3.524 ng/ul	99
43) 2-Nitroaniline	13.07	65	9906	3.061 ng/ul	93
45) Dimethylphthalate	13.45	163	42522	3.604 ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	6514	2.857 ng/ul#	82
48) Acenaphthylene	13.68	152	51846	3.554 ng/ul	97
49) 3-Nitroaniline	13.92	138	5471	2.887 ng/ul#	93
50) Acenaphthene	14.04	153	36261	3.517 ng/ul	98
51) 2,4-Dinitrophenol	14.15	184	1985	1.676 ng/ul#	84
53) 4-Nitrophenol	14.25	109	5536	3.307 ng/ul	86
54) Dibenzofuran	14.38	168	50995	3.486 ng/ul	94
55) 2,4-Dinitrotoluene	14.38	165	11038	3.255 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	14.62	232	9003	3.154 ng/ul#	91
57) Diethylphthalate	14.84	149	41497	3.500 ng/ul	99
59) Fluorene	15.04	166	41652	3.485 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	21860	3.519 ng/ul	97
61) 4-Nitroaniline	15.09	138	5549m	2.589 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	6294	3.428 ng/ul#	55
65) N-Nitrosodiphenylamine	15.26	169	34276	3.694 ng/ul	95
66) 4-Bromophenyl-phenylether	15.94	248	12482	3.732 ng/ul	91
67) Hexachlorobenzene	16.05	284	14549	3.817 ng/ul	94
68) Atrazine	16.24	200	11631	3.848 ng/ul#	91
69) Pentachlorophenol	16.42	266	4979	2.649 ng/ul	91
70) Phenanthrene	16.77	178	64796	3.750 ng/ul	98
72) Anthracene	16.87	178	62306	3.574 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	19127	3.998 ng/uL	93
74) Pentachlorobenzene	14.30	250	18320	3.998 ng/uL	96
75) Carbazole	17.15	167	49588	3.553 ng/ul	96
76) Di-n-butylphthalate	17.74	149	60804	3.600 ng/ul	98
77) Fluoranthene	18.81	202	68885	3.854 ng/ul	97
80) Pyrene	19.17	202	76420	3.924 ng/ul	99
81) Butylbenzylphthalate	20.11	149	25786	3.733 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.89	252	14929	2.695 ng/ul	96
83) Benzo(a)anthracene	20.94	228	75329	3.982 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.91	149	37945	3.688 ng/ul	96
85) Chrysene	20.99	228	73861	3.936 ng/ul	98
87) Di-n-octyl phthalate	21.75	149	67985	3.370 ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	80600	3.625 ng/ul	98
89) Benzo(k)fluoranthene	22.46	252	77272	3.506 ng/ul	99
91) Benzo(a)pyrene	22.93	252	78867	3.998 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.02	276	91189	3.542 ng/ul	97
93) Dibenzo(a,h)anthracene	25.03	278	76536	3.529 ng/ul	97
94) Benzo(g,h,i)perylene	25.62	276	76924	3.582 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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