Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024727.D
Acq On : 06 Feb 2020 13:35
Operator : CG/JU
Sample : SSTD01001
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 06 15:14:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01001

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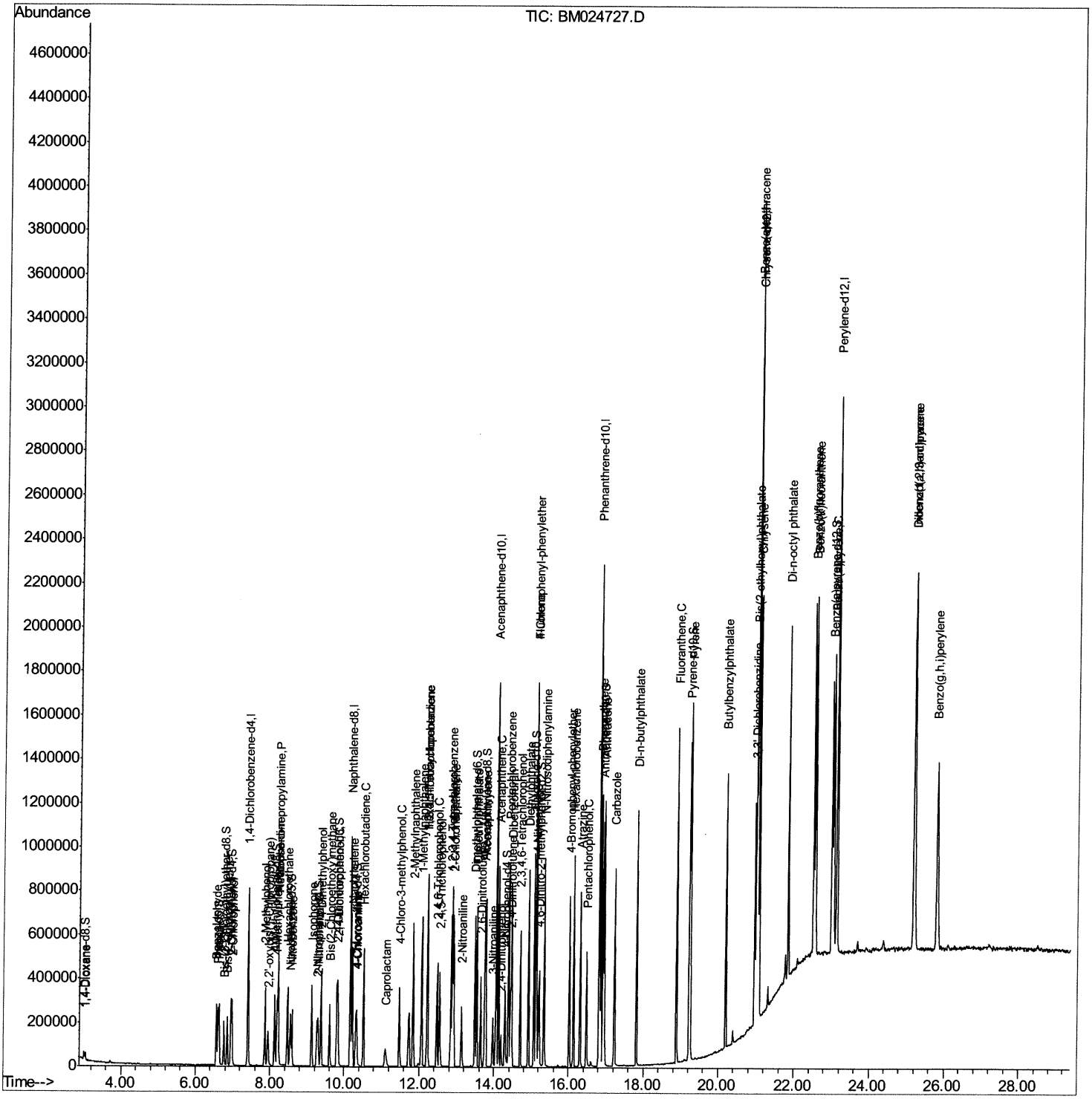

Quantitation Report (Qedit)

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Data File : BM024727.D
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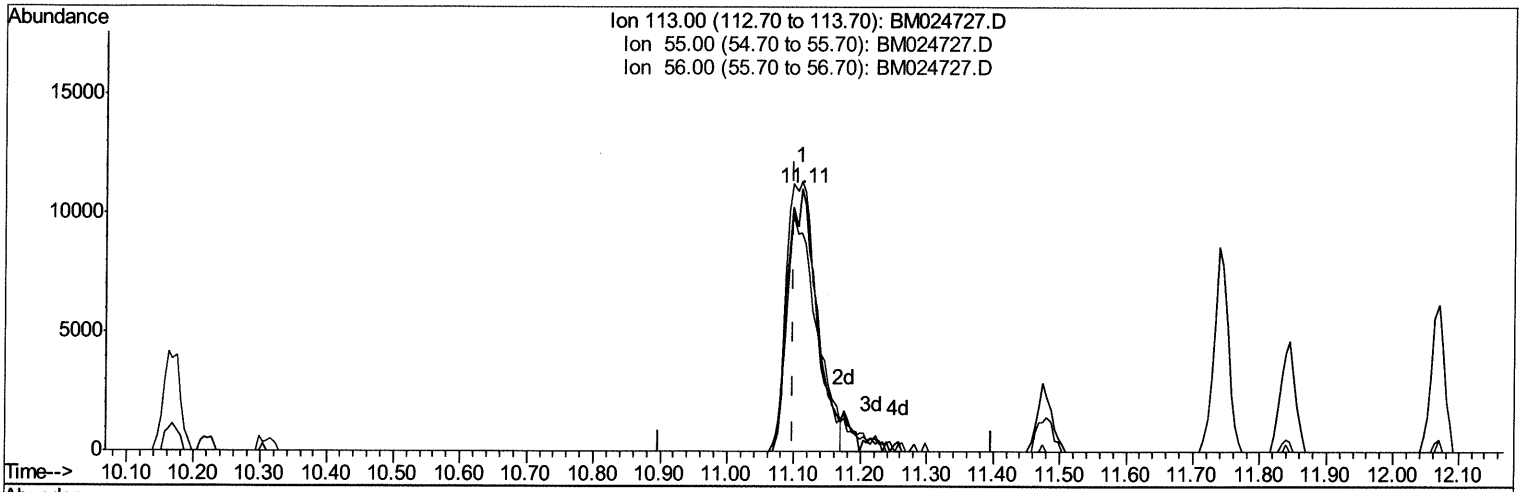

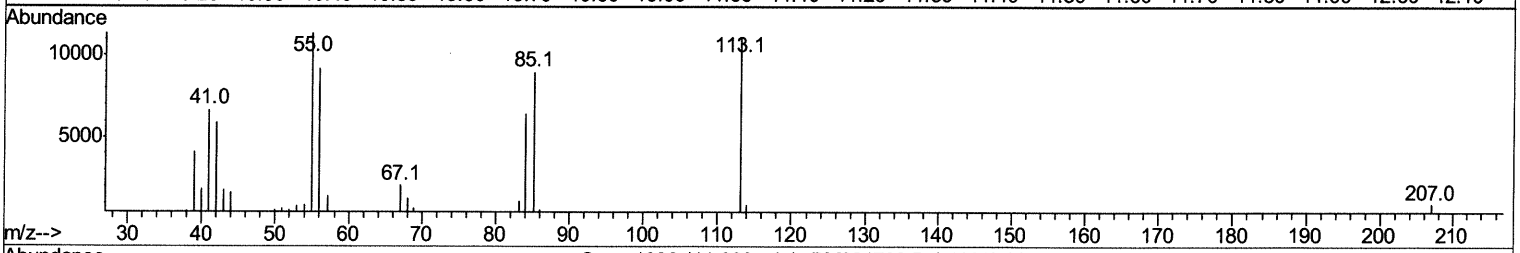

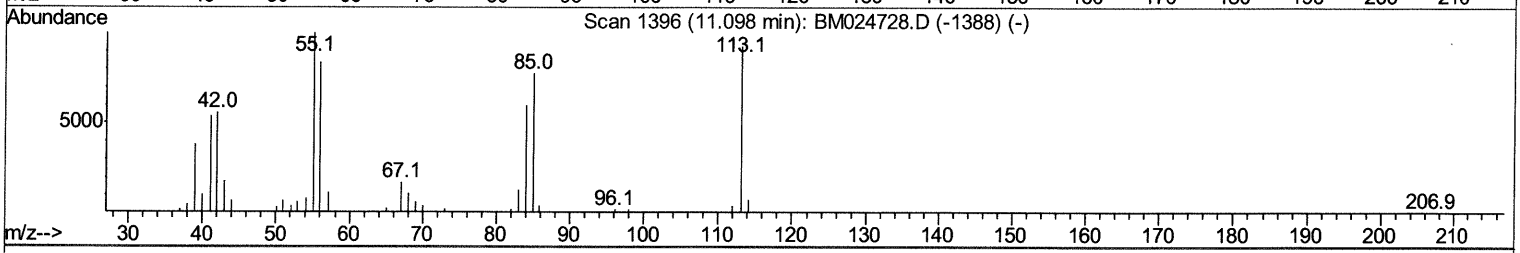

TIC: BM024727.D

(32) Caprolactam

11.110min (+0.012) 7.72ng/ul

response 33223

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	102.80
56.00	89.90	83.36
0.00	0.00	0.00

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Manual Integrations APPROVED
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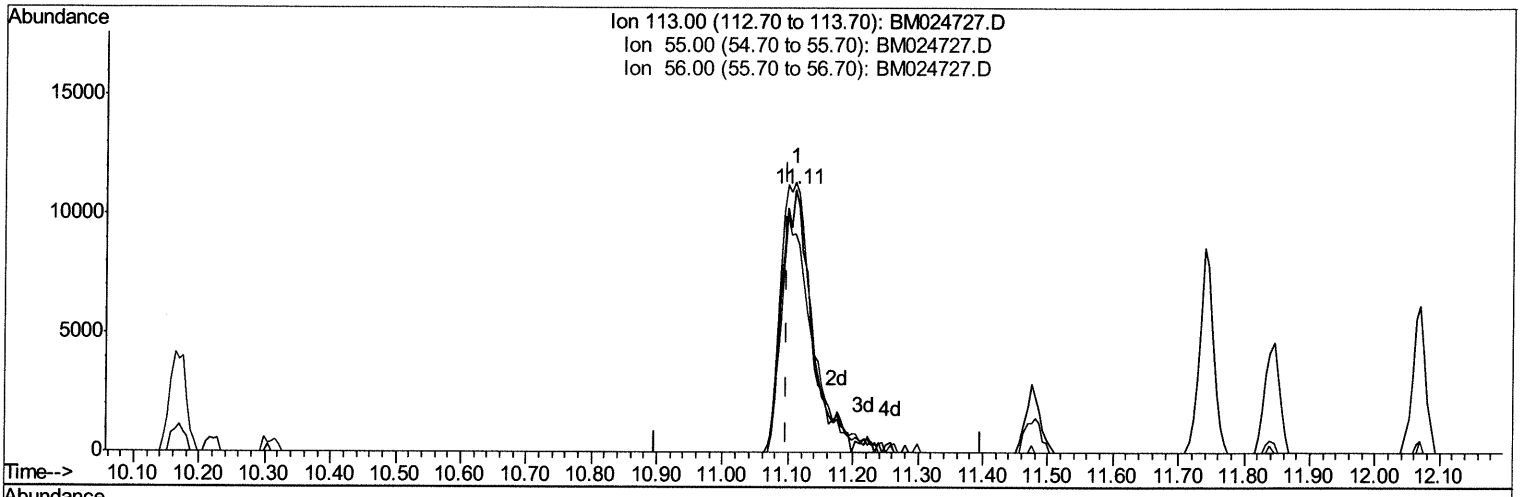

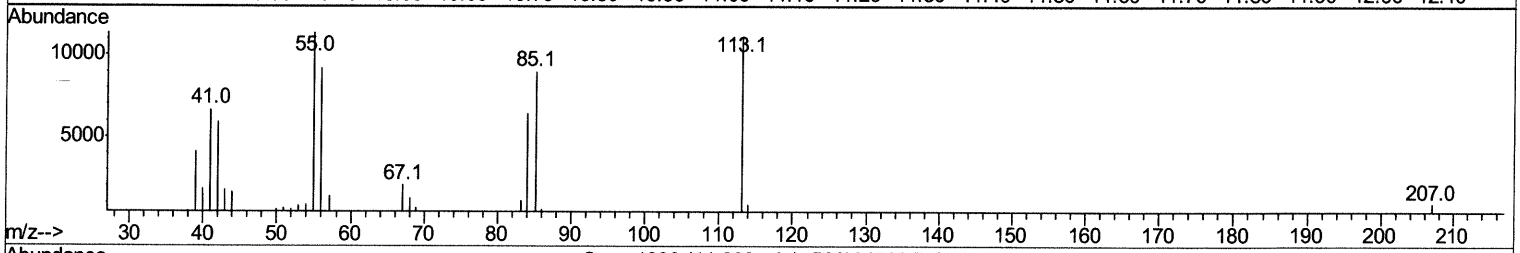

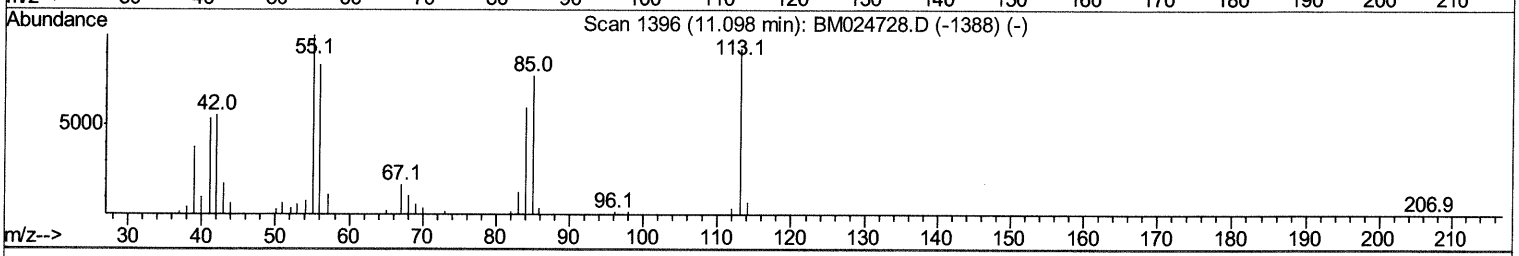

TIC: BM024727.D

(32) Caprolactam

11.110min (+0.012) 8.10ng/ul m JU 02/12/20

response 34880

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	102.80
56.00	89.90	83.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01001

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Quant Time: Feb 06 15:14:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	225269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	860228	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	604769	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1417931	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1547587	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1776781	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	18772	4.07	ng/uL	0.00
5) Phenol-d5	6.61	99	138077	8.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	80485	8.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	128833	9.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	117266	7.62	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	59621	9.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	67921	10.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	141477	9.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	118294	7.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	459679	9.70	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	524055	9.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	64468	8.15	ng/ul	0.00
58) Fluorene-d10	15.07	176	402706	9.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	75545	9.33	ng/ul	0.00
71) Anthracene-d10	16.92	188	640897	9.72	ng/ul	0.00
79) Pyrene-d10	19.22	212	740377	8.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	863027	9.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	19617	4.098	ng/uL	99
4) Benzaldehyde	6.56	77	98628	11.137	ng/ul	99
6) Phenol	6.63	94	148781	8.769	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.85	93	122037	9.183	ng/ul	97
10) 2-Chlorophenol	6.98	128	132873	9.310	ng/ul	99
11) 2-Methylphenol	7.86	108	111838	8.042	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.95	45	97209	6.190	ng/ul	99
14) Acetophenone	8.22	105	194158	8.034	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.22	70	91395	7.999	ng/ul	98
16) 4-Methylphenol	8.19	108	124262	8.024	ng/ul	100
17) Hexachloroethane	8.47	117	61357	9.633	ng/ul	91
20) Nitrobenzene	8.59	77	147056	10.053	ng/ul	97
21) Isophorone	9.12	82	262740	9.123	ng/ul	97
23) 2-Nitrophenol	9.30	139	73674	10.293	ng/ul	98
24) 2,4-Dimethylphenol	9.37	107	142651	9.183	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.60	93	165695	9.999	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	140109	9.802	ng/ul	98
28) Naphthalene	10.22	128	435415	9.880	ng/ul	99
30) 4-Chloroaniline	10.34	127	120581	7.489	ng/ul	99
31) Hexachlorobutadiene	10.52	225	119852	10.534	ng/ul	97
32) Caprolactam	11.11	113	34880m >	8.101	ng/ul >	99
33) 4-Chloro-3-methylphenol	11.48	107	131849	8.874	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	322701	9.437	ng/ul	97

JU 02/12/20

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Feb 06 15:14:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	323882	9.343 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	213069	10.709 ng/ul	99
38) Hexachlorocyclopentadiene	12.22	237	127406	8.854 ng/ul	99
39) 2,4,6-Trichlorophenol	12.48	196	125981	10.349 ng/ul	92
40) 2,4,5-Trichlorophenol	12.55	196	132636	10.177 ng/ul	99
41) 1,1'-Biphenyl	12.89	154	445690	10.151 ng/ul	99
42) 2-Chloronaphthalene	12.92	162	365924	10.360 ng/ul	100
43) 2-Nitroaniline	13.13	65	71477	8.833 ng/ul	99
45) Dimethylphthalate	13.53	163	478061	9.925 ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	90189	9.950 ng/ul	95
48) Acenaphthylene	13.77	152	548947	9.854 ng/ul	98
49) 3-Nitroaniline	13.97	138	64948	8.691 ng/ul	96
50) Acenaphthene	14.13	153	371965	9.865 ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	41292	8.337 ng/ul	98
53) 4-Nitrophenol	14.30	109	56044	7.621 ng/ul	91
54) Dibenzofuran	14.47	168	554731	10.043 ng/ul	99
55) 2,4-Dinitrotoluene	14.44	165	133533	9.853 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	129776	10.260 ng/ul	99
57) Diethylphthalate	14.92	149	471357	9.530 ng/ul	98
59) Fluorene	15.12	166	451495	9.668 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	263979	9.909 ng/ul	97
61) 4-Nitroaniline	15.14	138	80121	8.988 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.21	198	82663	9.656 ng/ul	97
65) N-Nitrosodiphenylamine	15.34	169	386418	9.812 ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	174543	10.383 ng/ul	98
67) Hexachlorobenzene	16.13	284	207307	10.739 ng/ul	98
68) Atrazine	16.31	200	161010	9.715 ng/ul	96
69) Pentachlorophenol	16.48	266	109231	9.504 ng/ul	99
70) Phenanthrene	16.86	178	761384	9.957 ng/ul	99
72) Anthracene	16.95	178	772158	9.902 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	227545	11.286 ng/uL	95
74) Pentachlorobenzene	14.39	250	242785	11.374 ng/uL	100
75) Carbazole	17.22	167	629693	9.597 ng/ul	99
76) Di-n-butylphthalate	17.82	149	807272	9.787 ng/ul	99
77) Fluoranthene	18.89	202	948428	10.148 ng/ul	99
80) Pyrene	19.25	202	1004275	9.479 ng/ul	100
81) Butylbenzylphthalate	20.19	149	356097	9.571 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.96	252	321164	9.643 ng/ul	98
83) Benzo(a)anthracene	21.02	228	1032559	9.794 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	577726	9.809 ng/ul	100
85) Chrysene	21.07	228	1011334	9.956 ng/ul	99
87) Di-n-octyl phthalate	21.84	149	984807	8.098 ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	1103868	9.400 ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	1066845	9.244 ng/ul	99
91) Benzo(a)pyrene	23.04	252	991089	9.711 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	1244213	11.652 ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	1057360	11.667 ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	1023154	12.056 ng/ul	98

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

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