Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016787.D
Acq On : 18 Sep 2018 02:56
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 18 05:25:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 18 01:29:01 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02064

Manual Integrations APPROVED
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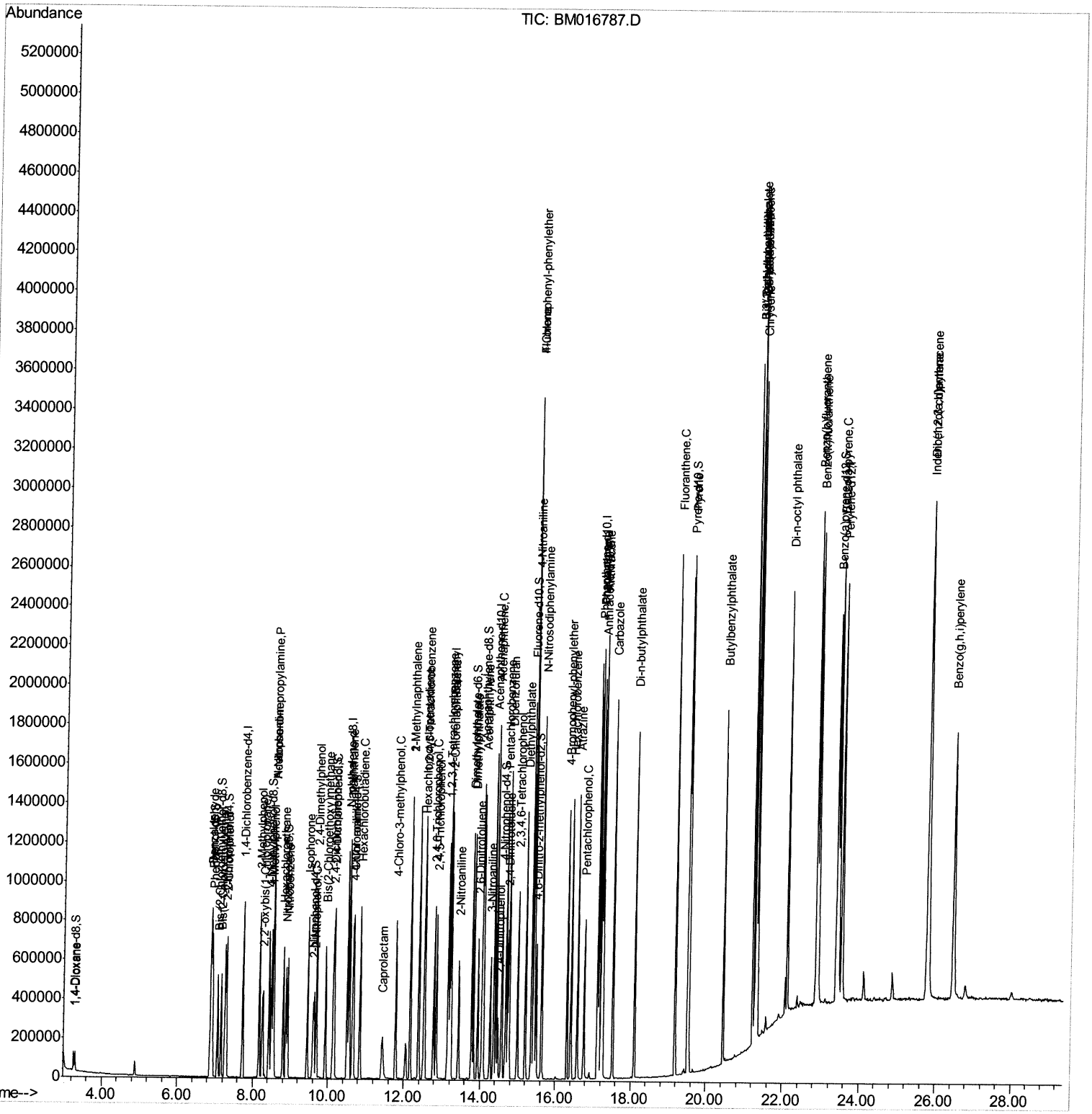

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Quant Time: Sep 18 04:55:39 2018
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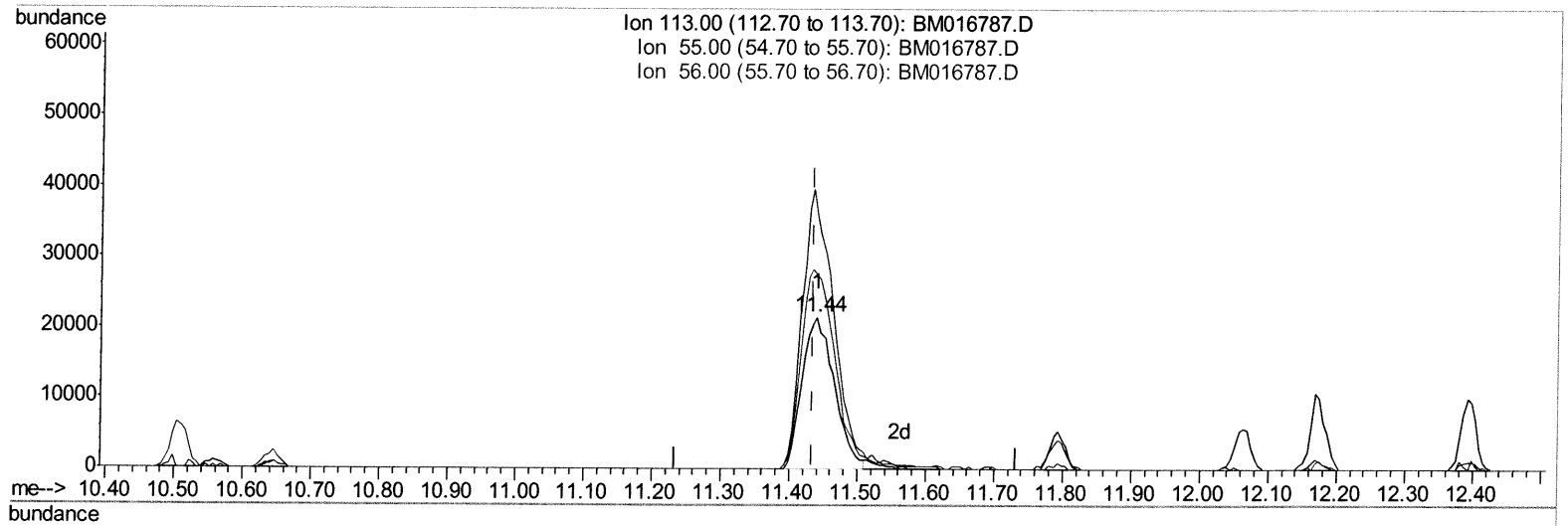

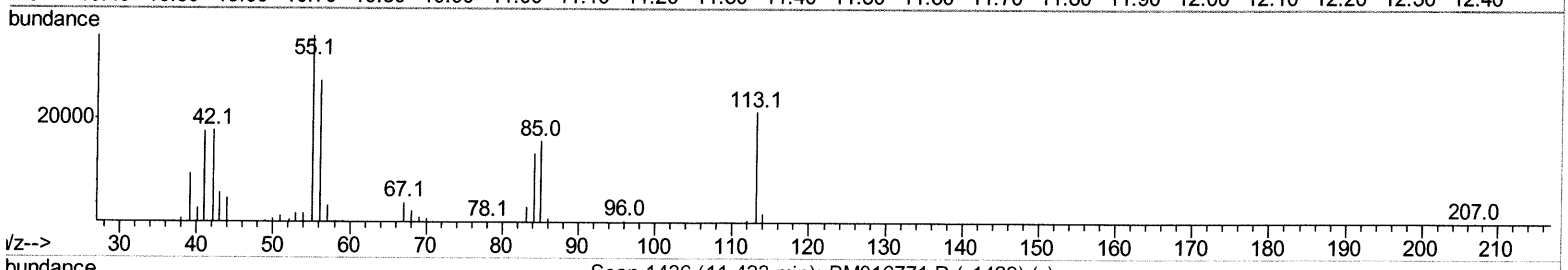

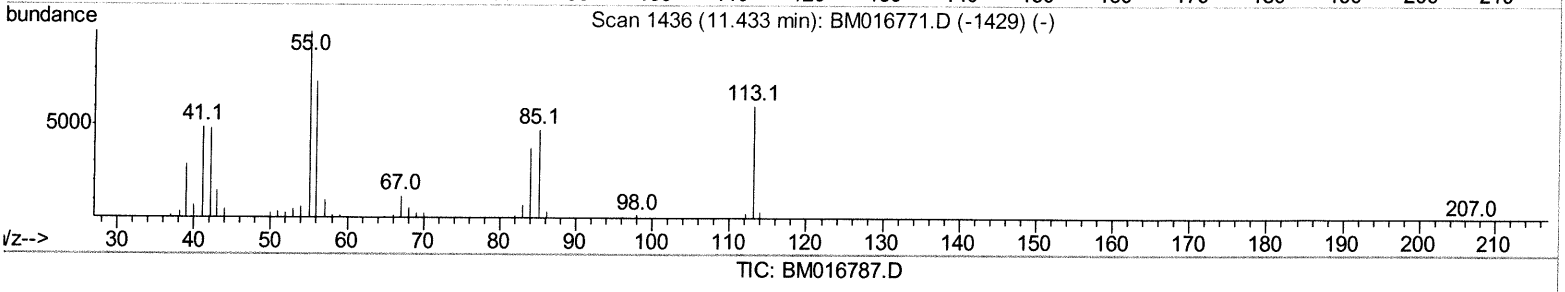

TIC: BM016787.D

(32) Caprolactam

11.439min (+0.006) 16.04ng/ul

response 70333

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	167.01
56.00	115.90	127.70
0.00	0.00	0.00

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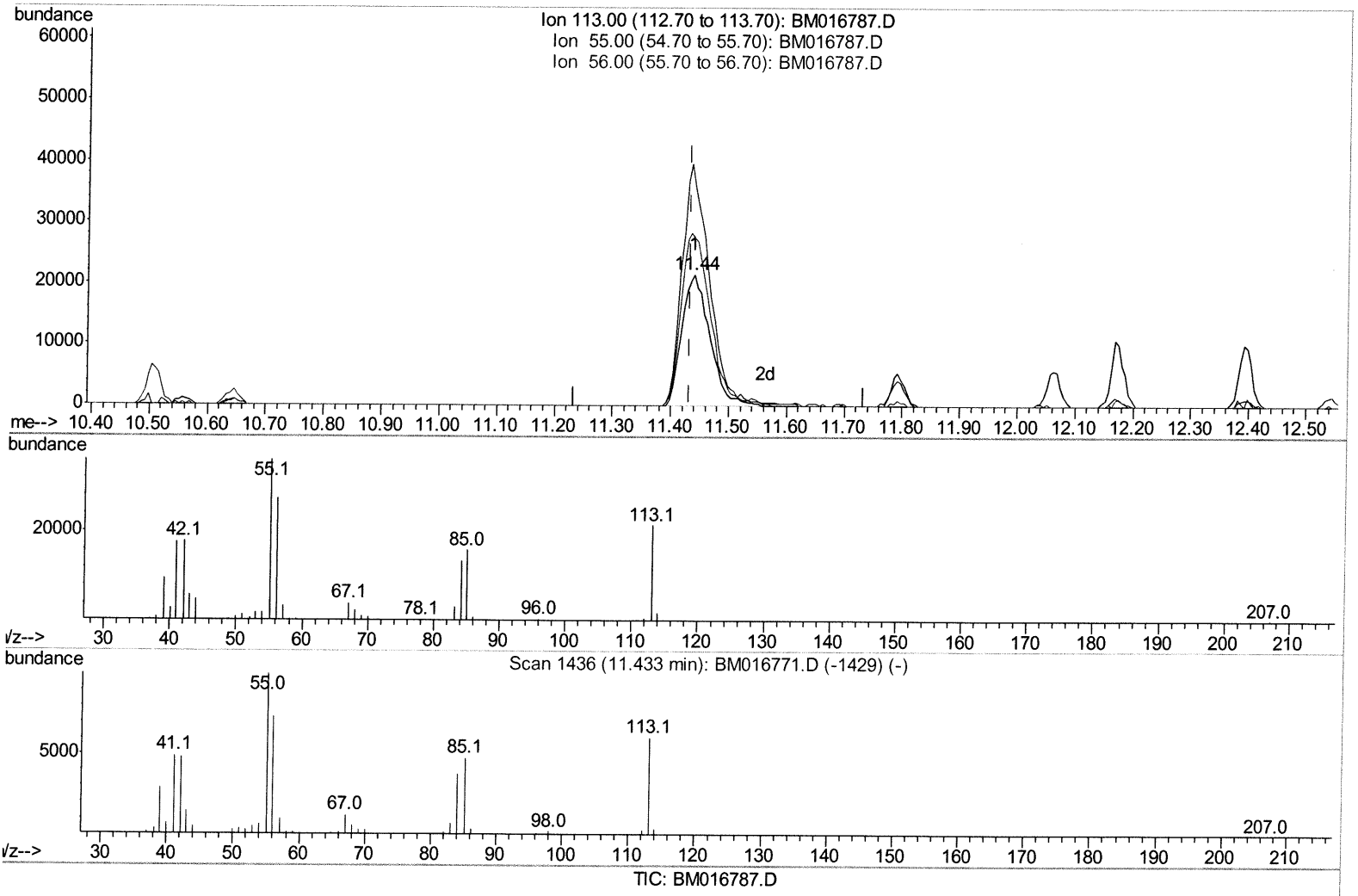

(32) Caprolactam

11.439min (+0.006) 16.41ng/ul m> SJ 9/19/18

response 71969

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	167.01
56.00	115.90	127.70
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 18 01:29:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	229187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	950745	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	529270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1191250	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1392095	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1457848	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	40810	7.61	ng/uL	0.00
5) Phenol-d5	6.90	99	352878	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	223292	18.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	293804	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	271225	18.13	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	130382	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	115997	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	277102	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	348884	20.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	789807	18.59	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1043535	19.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	136668	19.60	ng/ul	0.00
58) Fluorene-d10	15.36	176	733781	19.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	93464	19.11	ng/ul	0.00
71) Anthracene-d10	17.21	188	1120263	19.49	ng/ul	0.00
79) Pyrene-d10	19.51	212	1218267	18.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1446486	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	42853	7.684	ng/uL#	77
4) Benzaldehyde	6.87	77	237927	21.870	ng/ul	90
6) Phenol	6.92	94	358544	18.581	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.16	93	277990	18.711	ng/ul	95
10) 2-Chlorophenol	7.29	128	299376	18.892	ng/ul	98
11) 2-Methylphenol	8.16	108	260381	18.005	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	416191	17.715	ng/ul	95
14) Acetophenone	8.55	105	444215	19.160	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	209593	18.066	ng/ul	91
16) 4-Methylphenol	8.49	108	283258	18.530	ng/ul	99
17) Hexachloroethane	8.80	117	121352	19.497	ng/ul	87
20) Nitrobenzene	8.92	77	313776	19.856	ng/ul	92
21) Isophorone	9.45	82	542105	17.262	ng/ul	98
23) 2-Nitrophenol	9.63	139	134192	20.466	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	314699	18.600	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.93	93	357648	18.424	ng/ul	95
27) 2,4-Dichlorophenol	10.16	162	269354	19.425	ng/ul	98
28) Naphthalene	10.56	128	954445	19.524	ng/ul	98
30) 4-Chloroaniline	10.67	127	355739	20.406	ng/ul	97
31) Hexachlorobutadiene	10.85	225	192214	20.536	ng/ul	95
32) Caprolactam	11.44	113	71969m	16.411	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	268876	18.501	ng/ul	93
34) 2-Methylnaphthalene	12.17	142	667177	19.369	ng/ul	100

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Sohil
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	667177	19.369 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	354367	19.495 ng/ul#	97
38) Hexachlorocyclopentadiene	12.52	237	211389	18.677 ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	195098	18.849 ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	217374	19.243 ng/ul	97
41) 1,1'-Biphenyl	13.20	154	841715	19.117 ng/ul	96
42) 2-Chloronaphthalene	13.23	162	664865	19.295 ng/ul	98
43) 2-Nitroaniline	13.44	65	155872	20.535 ng/ul	97
45) Dimethylphthalate	13.83	163	786162	18.929 ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	137808	21.603 ng/ul	97
48) Acenaphthylene	14.09	152	999233	19.233 ng/ul	99
49) 3-Nitroaniline	14.27	138	142270	20.509 ng/ul#	96
50) Acenaphthene	14.43	153	718029	19.466 ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	58911	20.645 ng/ul#	86
53) 4-Nitrophenol	14.57	109	108473	20.183 ng/ul	82
54) Dibenzofuran	14.77	168	1004508	19.849 ng/ul	97
55) 2,4-Dinitrotoluene	14.73	165	213998	22.813 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.99	232	184845	20.231 ng/ul#	85
57) Diethylphthalate	15.20	149	781916	19.003 ng/ul	97
59) Fluorene	15.42	166	828288	19.922 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.42	204	430900	20.441 ng/ul	92
61) 4-Nitroaniline	15.43	138	172968	20.299 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.49	198	103812	18.932 ng/ul	97
65) N-Nitrosodiphenylamine	15.63	169	698422	18.954 ng/ul	98
66) 4-Bromophenyl-phenylether	16.31	248	256349	19.020 ng/ul	95
67) Hexachlorobenzene	16.42	284	282684	19.489 ng/ul#	94
68) Atrazine	16.59	200	235849	18.110 ng/ul	98
69) Pentachlorophenol	16.76	266	142996	18.231 ng/ul	97
70) Phenanthrene	17.16	178	1294694	19.566 ng/ul	99
72) Anthracene	17.24	178	1338147	19.698 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	368450	18.688 ng/uL	98
74) Pentachlorobenzene	14.68	250	345990	19.454 ng/uL	98
75) Carbazole	17.52	167	1148485	19.232 ng/ul	98
76) Di-n-butylphthalate	18.10	149	1247517	17.955 ng/ul	99
77) Fluoranthene	19.17	202	1493100	19.684 ng/ul#	91
80) Pyrene	19.54	202	1582846	18.518 ng/ul#	90
81) Butylbenzylphthalate	20.45	149	515646	16.312 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.23	252	474183	17.195 ng/ul#	97
83) Benzo(a)anthracene	21.29	228	1646962	19.111 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	815699	16.419 ng/ul#	98
85) Chrysene	21.34	228	1565019	19.473 ng/ul	99
87) Di-n-octyl phthalate	22.12	149	1329958	15.184 ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1645802	18.861 ng/ul#	97
89) Benzo(k)fluoranthene	22.91	252	1648801	19.678 ng/ul#	98
91) Benzo(a)pyrene	23.44	252	1636807	19.679 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.79	276	1935999	19.512 ng/ul#	89
93) Dibenzo(a,h)anthracene	25.80	278	1624391	19.571 ng/ul#	95
94) Benzo(g,h,i)perylene	26.47	276	1605448	19.513 ng/ul#	92

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

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