Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030542.D
Acq On : 23 Jun 2021 08:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jun 23 08:43:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 08:34:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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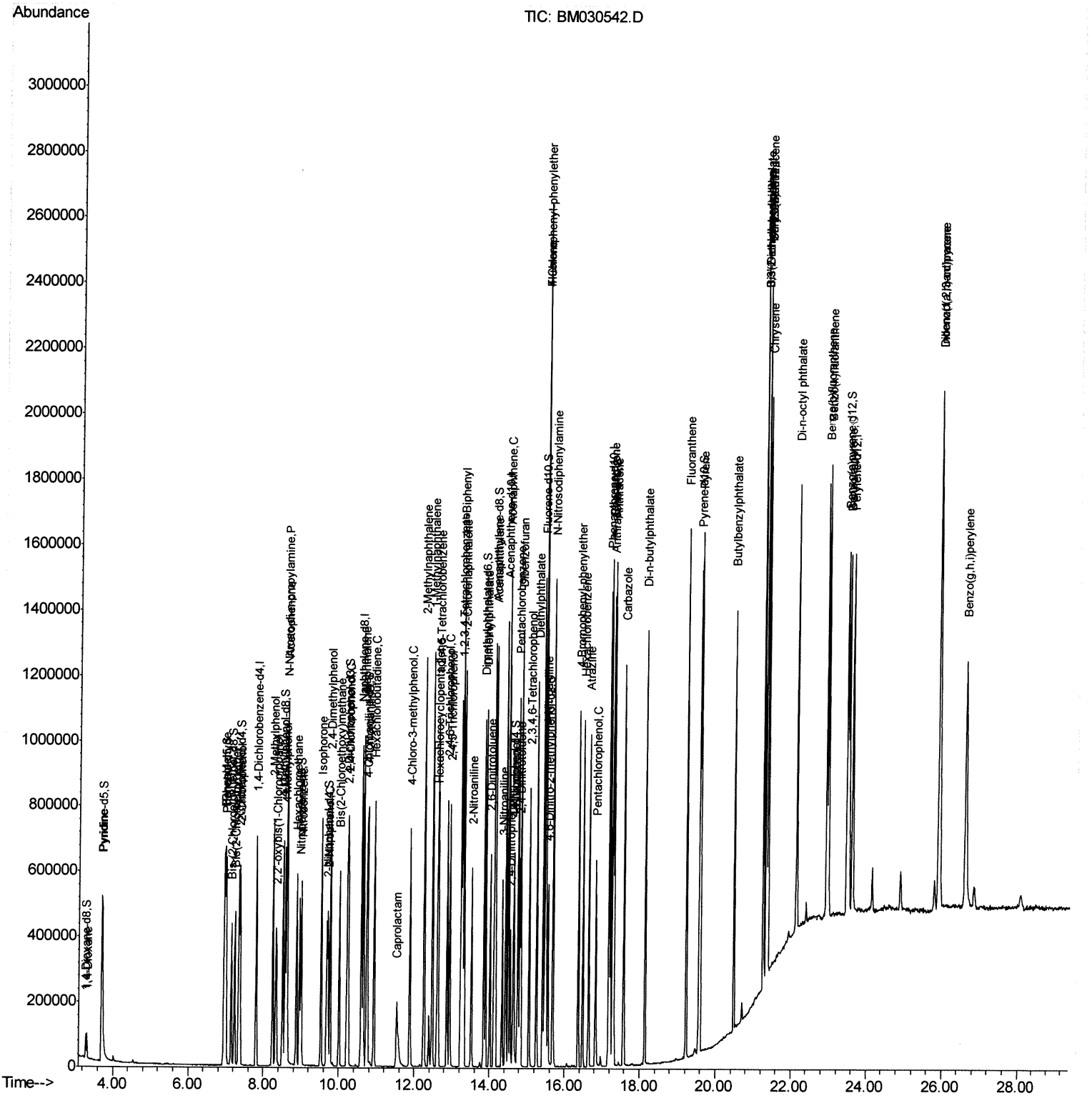

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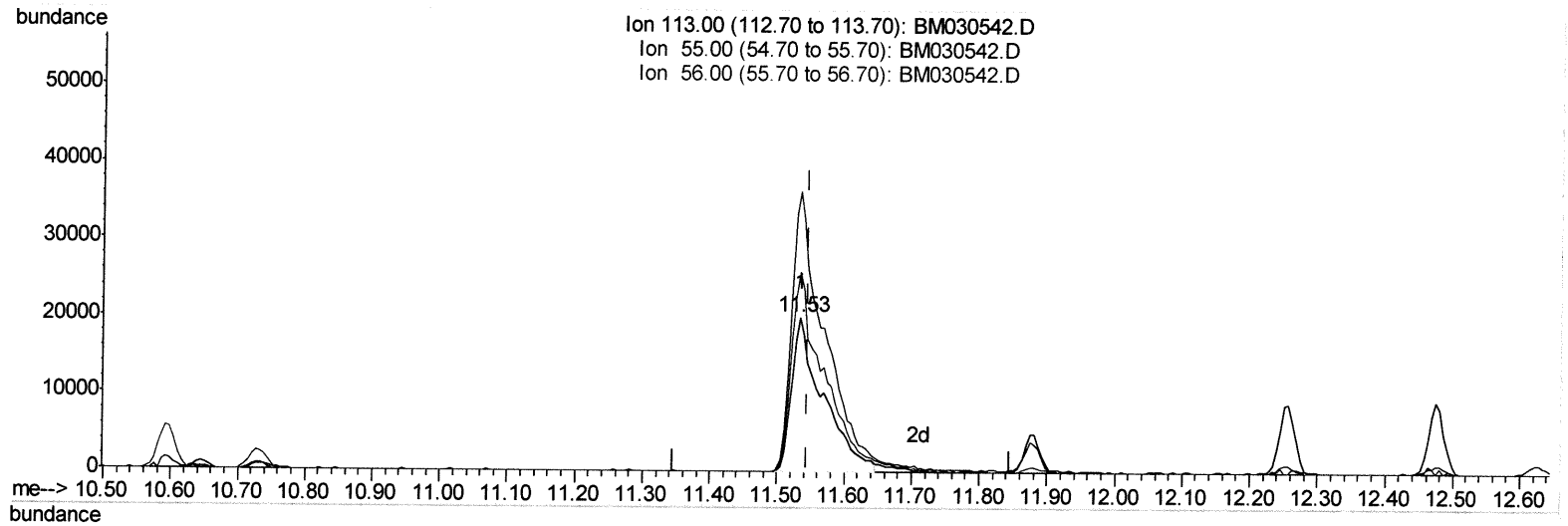

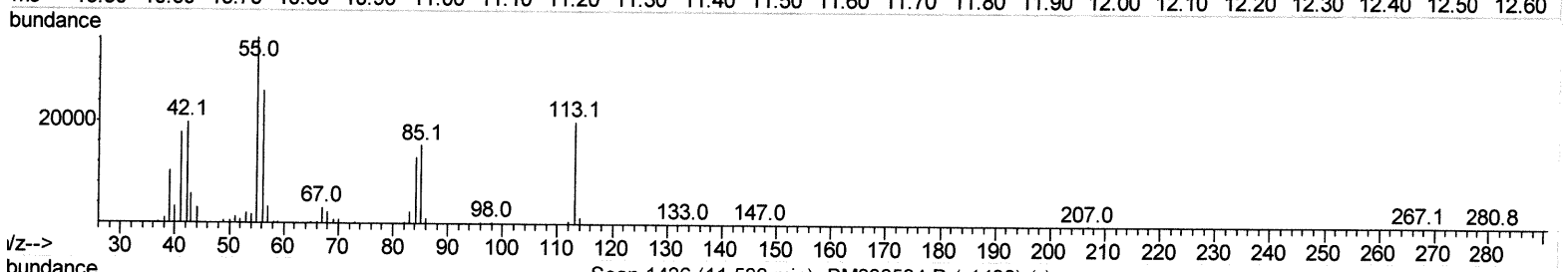

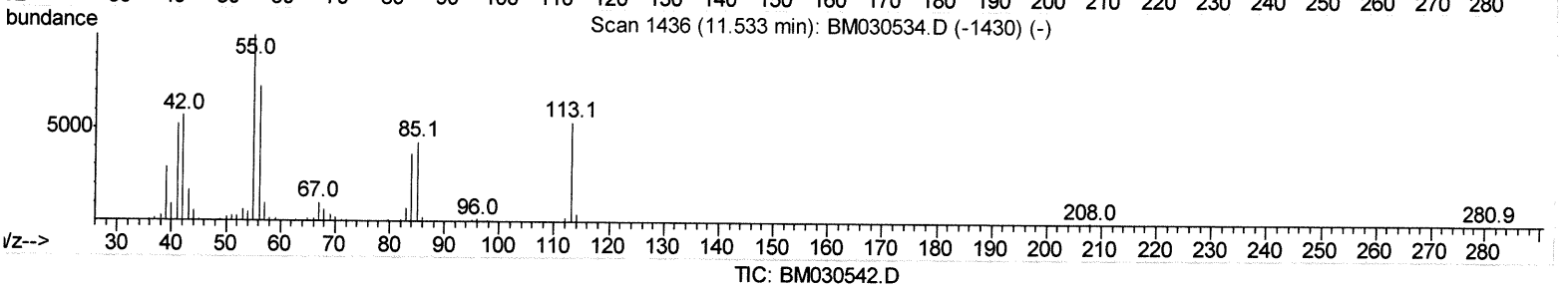

TIC: BM030542.D

(34) Caprolactam

11.533min (-0.012) 18.98ng/ul

response 65683

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	181.15
56.00	127.40	129.19
0.00	0.00	0.00

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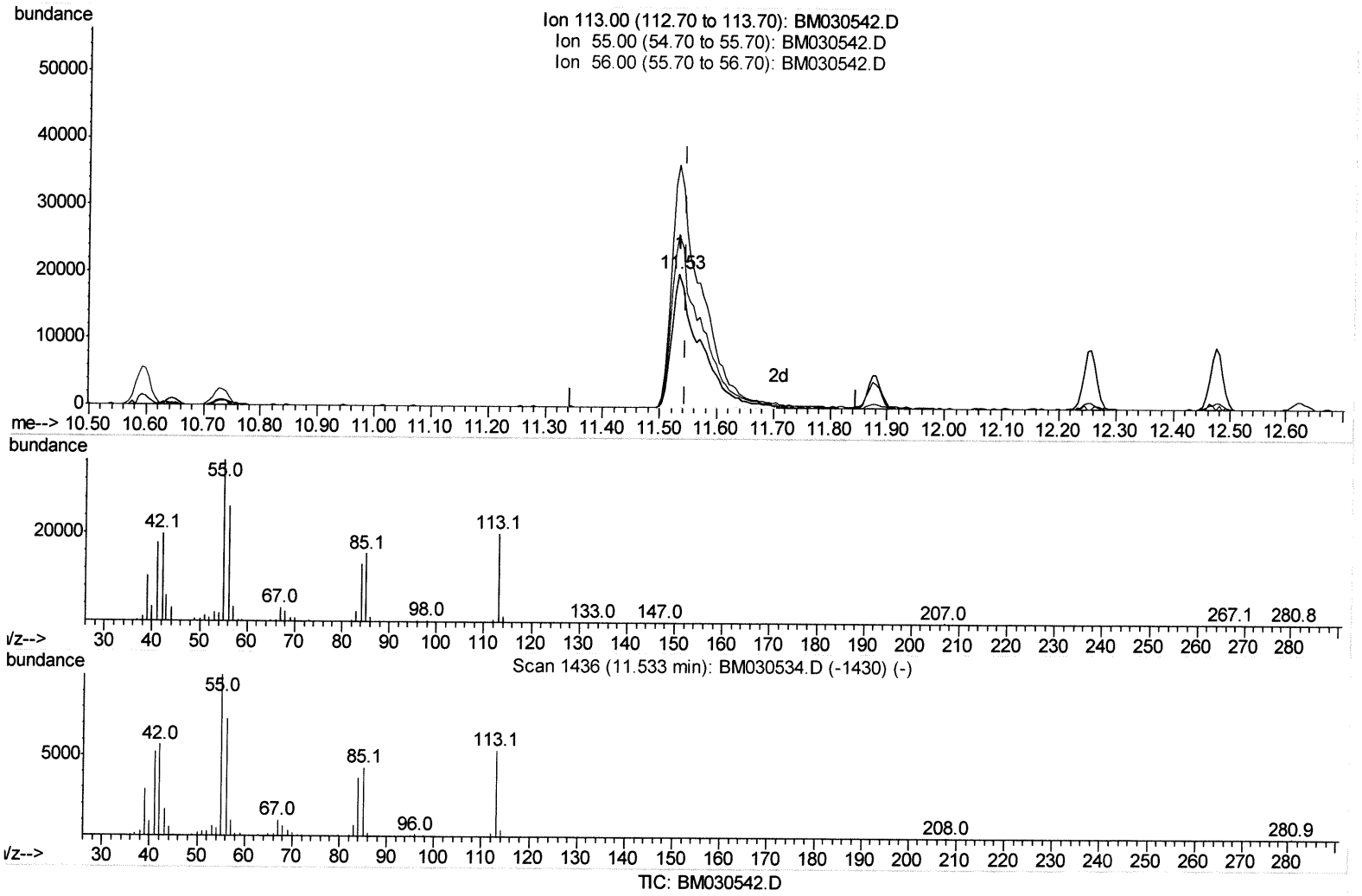

(34) Caprolactam

11.533min (-0.012) 19.58ng/ul m JU 6/23/21

response 67738

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	181.15
56.00	127.40	129.19
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	192018	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	783226	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.43	164	483764	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.17	188	839385	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	689733	20.00	ng/ul	-0.01
88) Perylene-d12	23.61	264	746043	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33951	7.17	ng/uL	0.00
4) Pyridine-d5	3.70	84	228536	17.96	ng/ul	0.00
7) Phenol-d5	6.97	99	314969	19.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	194458	18.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	256422	20.06	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	250589	19.44	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	119343	20.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	136339	20.99	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	264925	21.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	338753	19.52	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	680388	20.37	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	910903	21.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.63	143	101710	16.07	ng/ul	0.00
60) Fluorene-d10	15.43	176	577919	19.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	80108	14.59	ng/ul	0.00
73) Anthracene-d10	17.27	188	793386	20.25	ng/ul	0.00
81) Pyrene-d10	19.56	212	751998	20.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	804691	20.75	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	36992	7.344	ng/uL	96
5) Pyridine	3.72	79	238584	17.417	ng/ul	98
6) Benzaldehyde	6.95	77	195482	24.277	ng/ul	96
8) Phenol	7.00	94	317590	18.966	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.23	93	252559	19.137	ng/ul	98
12) 2-Chlorophenol	7.37	128	260965	20.259	ng/ul	99
13) 2-Methylphenol	8.25	108	237657	19.586	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.33	45	398566	19.052	ng/ul	99
16) Acetophenone	8.63	105	397765	19.987	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.61	70	208065	21.136	ng/ul	100
18) 4-Methylphenol	8.57	108	259758	19.657	ng/ul	99
19) Hexachloroethane	8.88	117	107347	19.889	ng/ul	93
22) Nitrobenzene	9.00	77	295471	20.040	ng/ul	100
23) Isophorone	9.53	82	533295	20.887	ng/ul	99
25) 2-Nitrophenol	9.71	139	144279	20.921	ng/ul	99
26) 2,4-Dimethylphenol	9.77	107	285707	20.496	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.01	93	339995	20.468	ng/ul	99
29) 2,4-Dichlorophenol	10.25	162	253300	21.250	ng/ul	98
30) Naphthalene	10.65	128	811815	20.472	ng/ul	99
32) 4-Chloroaniline	10.76	127	348607	20.238	ng/ul	99
33) Hexachlorobutadiene	10.93	225	170132	21.109	ng/ul	99
34) Caprolactam	11.53	113	67738m	19.579	ng/ul	

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.88	107	244038	20.850 ng/ul	97
36) 2-Methylnaphthalene	12.26	142	591328	21.369 ng/ul	100
37) 1-Methylnaphthalene	12.47	142	573144	20.462 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	322552	21.371 ng/ul	98
40) Hexachlorocyclopentadiene	12.60	237	142917	14.511 ng/ul	99
41) 2,4,6-Trichlorophenol	12.87	196	201158	21.163 ng/ul	97
42) 2,4,5-Trichlorophenol	12.94	196	212431	20.941 ng/ul	100
43) 1,1'-Biphenyl	13.27	154	748371	20.961 ng/ul	99
44) 2-Chloronaphthalene	13.31	162	585935	20.875 ng/ul	99
45) 2-Nitroaniline	13.52	65	158764	21.047 ng/ul	99
47) Dimethylphthalate	13.89	163	682109	20.842 ng/ul	99
48) 2,6-Dinitrotoluene	14.02	165	133756	21.211 ng/ul	94
50) Acenaphthylene	14.16	152	869193	21.612 ng/ul	100
51) 3-Nitroaniline	14.34	138	140050	20.849 ng/ul	97
52) Acenaphthene	14.50	153	597236	20.462 ng/ul	99
53) 2,4-Dinitrophenol	14.55	184	92166	22.233 ng/ul	97
55) 4-Nitrophenol	14.65	109	91498	18.073 ng/ul	97
56) Dibenzofuran	14.83	168	819024	20.128 ng/ul	98
57) 2,4-Dinitrotoluene	14.80	165	181094	20.511 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	165242	20.122 ng/ul	99
59) Diethylphthalate	15.26	149	655532	20.851 ng/ul	99
61) Fluorene	15.49	166	670245	19.987 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.47	204	344167	20.608 ng/ul	100
63) 4-Nitroaniline	15.50	138	133243	20.830 ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.56	198	80027	14.975 ng/ul	100
67) N-Nitrosodiphenylamine	15.69	169	572483	22.884 ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	196351	22.925 ng/ul	99
69) Hexachlorobenzene	16.49	284	212671	21.467 ng/ul	97
70) Atrazine	16.64	200	180936	20.391 ng/ul	97
71) Pentachlorophenol	16.83	266	113909	18.349 ng/ul	98
72) Phenanthrene	17.22	178	921788	20.449 ng/ul	99
74) Anthracene	17.31	178	945930	20.524 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.23	216	335922	25.092 ng/uL	98
76) Pentachlorobenzene	14.76	250	285078	22.354 ng/uL	98
77) Carbazole	17.57	167	787176	19.047 ng/ul	99
78) Di-n-butylphthalate	18.14	149	935430	22.213 ng/ul	99
80) Fluoranthene	19.23	202	930545	21.082 ng/ul	98
82) Pyrene	19.59	202	962098	20.744 ng/ul	97
83) Butylbenzylphthalate	20.48	149	358530	23.485 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	295719	21.750 ng/ul	96
85) Benzo(a)anthracene	21.33	228	894103	20.888 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	511970	23.316 ng/ul#	99
87) Chrysene	21.38	228	855252	20.496 ng/ul	99
89) Di-n-octyl phthalate	22.14	149	861135	20.065 ng/ul	100
90) Benzo(b)fluoranthene	22.93	252	946527	19.984 ng/ul	100
91) Benzo(k)fluoranthene	22.97	252	900946	19.793 ng/ul	98
93) Benzo(a)pyrene	23.51	252	843188	19.798 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.91	276	1137110	21.209 ng/ul	98
95) Dibenzo(a,h)anthracene	25.92	278	954873	21.483 ng/ul	98
96) Benzo(g,h,i)perylene	26.61	276	939497	21.002 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