Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030534.D
Acq On : 23 Jun 2021 03:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 23 04:34:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 01:33:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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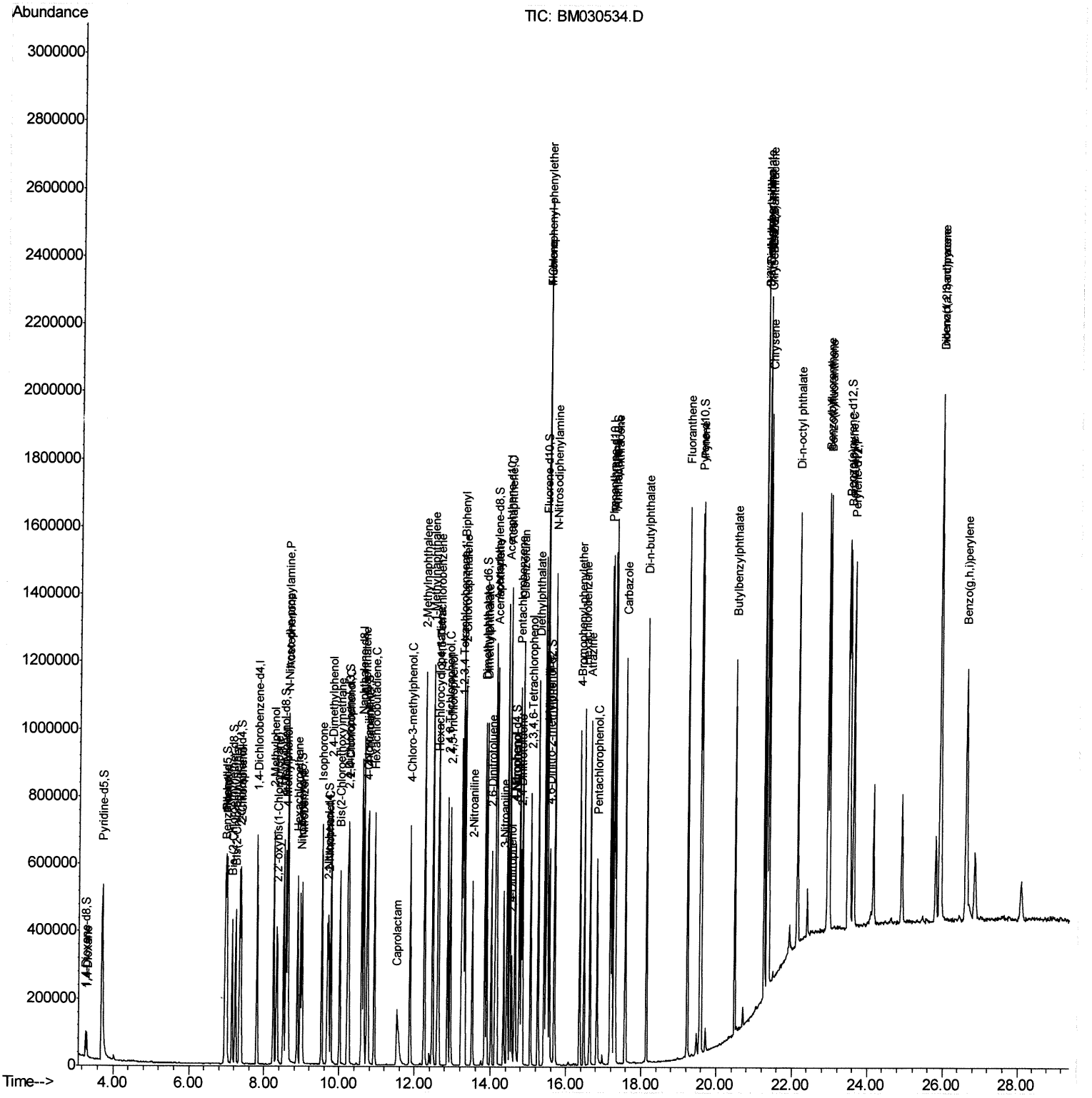

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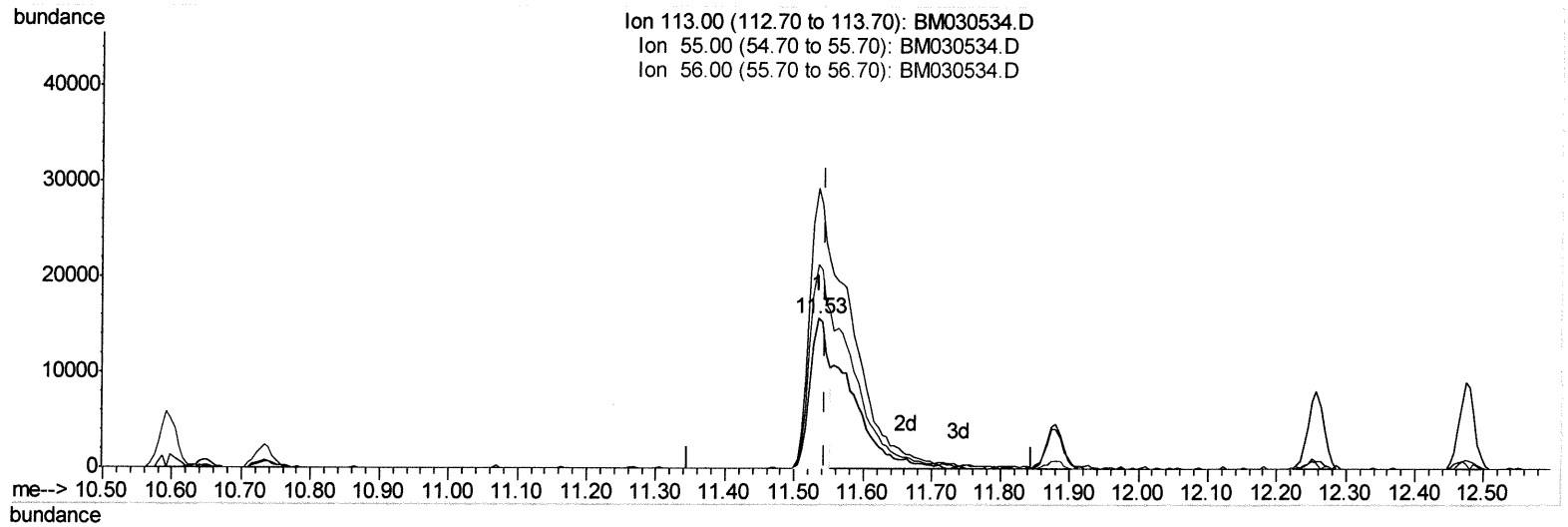

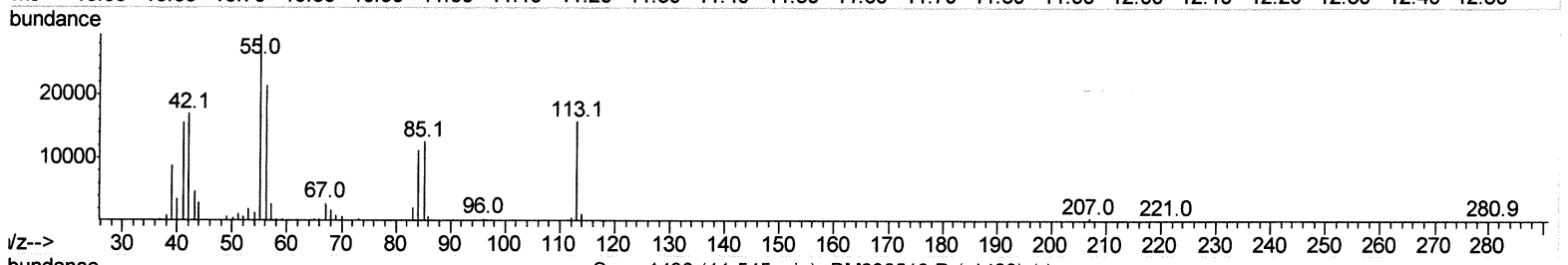

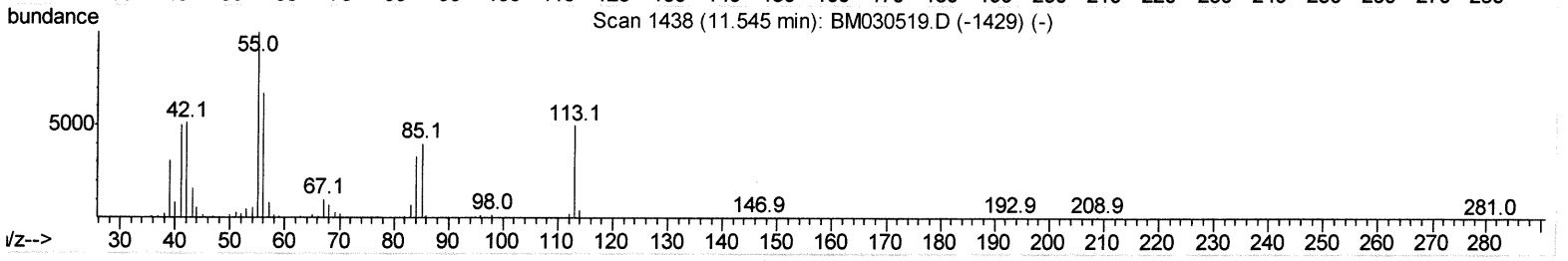

TIC: BM030534.D

(34) Caprolactam

11.533min (-0.012) 8.57ng/ul

response 28744

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	186.95
56.00	127.40	135.67
0.00	0.00	0.00

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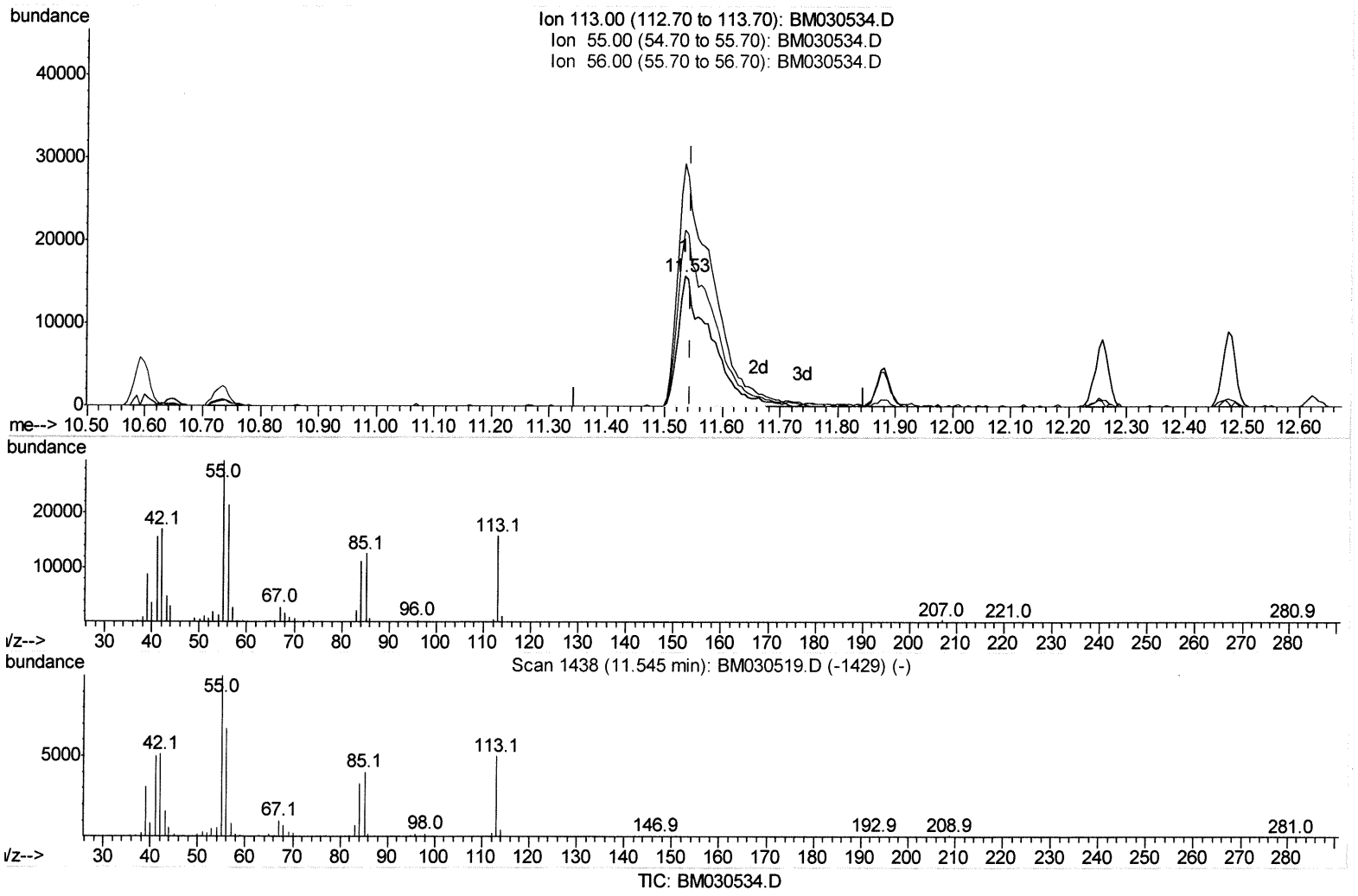

(34) Caprolactam

11.533min (-0.012) 18.27ng/ul m JG 6/28/21

response 61252

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	186.95
56.00	127.40	135.67
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	7.80	152	180431	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	759026	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	467588	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	860394	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	702731	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	717678	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	35025	7.87	ng/uL	0.00
4) Pyridine-d5	3.70	84	230734	19.30	ng/ul	0.00
7) Phenol-d5	6.97	99	296782	19.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	189515	19.38	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	240971	20.06	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	238006	19.65	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	112357	19.84	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	123612	19.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	245213	20.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	319069	18.98	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	648411	20.08	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	841452	20.08	ng/ul	0.00
54) 4-Nitrophenol-d4	14.63	143	104144	17.03	ng/ul	0.00
60) Fluorene-d10	15.43	176	568035	19.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	90144	16.01	ng/ul	0.00
73) Anthracene-d10	17.27	188	804519	20.04	ng/ul	0.00
81) Pyrene-d10	19.56	212	765492	20.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.46	264	742373	19.90	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	34179	7.221	ng/uL	94
5) Pyridine	3.72	79	242446	18.835	ng/ul	97
6) Benzaldehyde	6.95	77	151885	20.074	ng/ul	94
8) Phenol	7.00	94	299050	19.006	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	239678	19.327	ng/ul	99
12) 2-Chlorophenol	7.37	128	242996	20.075	ng/ul	98
13) 2-Methylphenol	8.25	108	222293	19.496	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.33	45	392779	19.981	ng/ul	98
16) Acetophenone	8.63	105	368095	19.684	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.61	70	194011	20.974	ng/ul	98
18) 4-Methylphenol	8.57	108	242615	19.539	ng/ul	97
19) Hexachloroethane	8.88	117	101431	19.999	ng/ul	97
22) Nitrobenzene	9.00	77	283867	19.867	ng/ul	99
23) Isophorone	9.53	82	505852	20.444	ng/ul	99
25) 2-Nitrophenol	9.72	139	131959	19.744	ng/ul	97
26) 2,4-Dimethylphenol	9.77	107	267005	19.766	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.01	93	323386	20.089	ng/ul	99
29) 2,4-Dichlorophenol	10.25	162	232325	20.112	ng/ul	97
30) Naphthalene	10.65	128	756031	19.673	ng/ul	99
32) 4-Chloroaniline	10.76	127	319732	19.153	ng/ul	99
33) Hexachlorobutadiene	10.93	225	153463	19.647	ng/ul	98
34) Caprolactam	11.53	113	61252m>	18.269	ng/ul	> JU 6/28/21

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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	231889	20.444	ng/ul	98
36) 2-Methylnaphthalene	12.26	142	544210	20.293	ng/ul	98
37) 1-Methylnaphthalene	12.47	142	547826	20.181	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	293958	20.151	ng/ul	99
40) Hexachlorocyclopentadiene	12.60	237	164125	17.241	ng/ul	96
41) 2,4,6-Trichlorophenol	12.87	196	185675	20.210	ng/ul	96
42) 2,4,5-Trichlorophenol	12.94	196	198478	20.242	ng/ul	98
43) 1,1'-Biphenyl	13.27	154	696707	20.189	ng/ul	99
44) 2-Chloronaphthalene	13.31	162	541158	19.946	ng/ul	99
45) 2-Nitroaniline	13.52	65	148409	20.355	ng/ul	99
47) Dimethylphthalate	13.89	163	634292	20.051	ng/ul	99
48) 2,6-Dinitrotoluene	14.02	165	125912	20.658	ng/ul	96
50) Acenaphthylene	14.16	152	780997	20.091	ng/ul	99
51) 3-Nitroaniline	14.35	138	118808	18.298	ng/ul	97
52) Acenaphthene	14.50	153	564068	19.994	ng/ul	99
53) 2,4-Dinitrophenol	14.55	184	70367	17.562	ng/ul	96
55) 4-Nitrophenol	14.65	109	85085	17.388	ng/ul	97
56) Dibenzofuran	14.83	168	784113	19.937	ng/ul	100
57) 2,4-Dinitrotoluene	14.80	165	171717	20.121	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	154521	19.468	ng/ul	98
59) Diethylphthalate	15.26	149	612816	20.166	ng/ul	99
61) Fluorene	15.49	166	642617	19.826	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.48	204	323716	20.054	ng/ul	97
63) 4-Nitroaniline	15.50	138	117467	18.999	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.56	198	90588	16.537	ng/ul	98
67) N-Nitrosodiphenylamine	15.69	169	531800	20.739	ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	181970	20.727	ng/ul	100
69) Hexachlorobenzene	16.49	284	205362	20.223	ng/ul	99
70) Atrazine	16.64	200	174959	19.236	ng/ul	97
71) Pentachlorophenol	16.83	266	110030	17.291	ng/ul	99
72) Phenanthrene	17.22	178	918058	19.869	ng/ul	100
74) Anthracene	17.31	178	941630	19.932	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.23	216	285604	20.812	ng/uL	99
76) Pentachlorobenzene	14.76	250	271527	20.771	ng/uL	97
77) Carbazole	17.58	167	781238	18.441	ng/ul	100
78) Di-n-butylphthalate	18.14	149	887025	20.549	ng/ul	100
80) Fluoranthene	19.23	202	948769	21.097	ng/ul	99
82) Pyrene	19.59	202	988069	20.910	ng/ul	98
83) Butylbenzylphthalate	20.49	149	325288	20.913	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.26	252	234935	16.960	ng/ul	98
85) Benzo(a)anthracene	21.33	228	861006	19.743	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	468866	20.958	ng/ul	99
87) Chrysene	21.38	228	829778	19.518	ng/ul	99
89) Di-n-octyl phthalate	22.14	149	779468	18.880	ng/ul	100
90) Benzo(b)fluoranthene	22.93	252	912767	20.033	ng/ul	100
91) Benzo(k)fluoranthene	22.97	252	831276	18.984	ng/ul	100
93) Benzo(a)pyrene	23.51	252	814293	19.875	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.91	276	1081868	20.976	ng/ul	99
95) Dibenzo(a,h)anthracene	25.92	278	896952	20.978	ng/ul	99
96) Benzo(g,h,i)perylene	26.61	276	903419	20.994	ng/ul	100

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

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