Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060221\
Data File : BM030262.D
Acq On : 02 Jun 2021 16:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 02 17:28:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 02 17:27:46 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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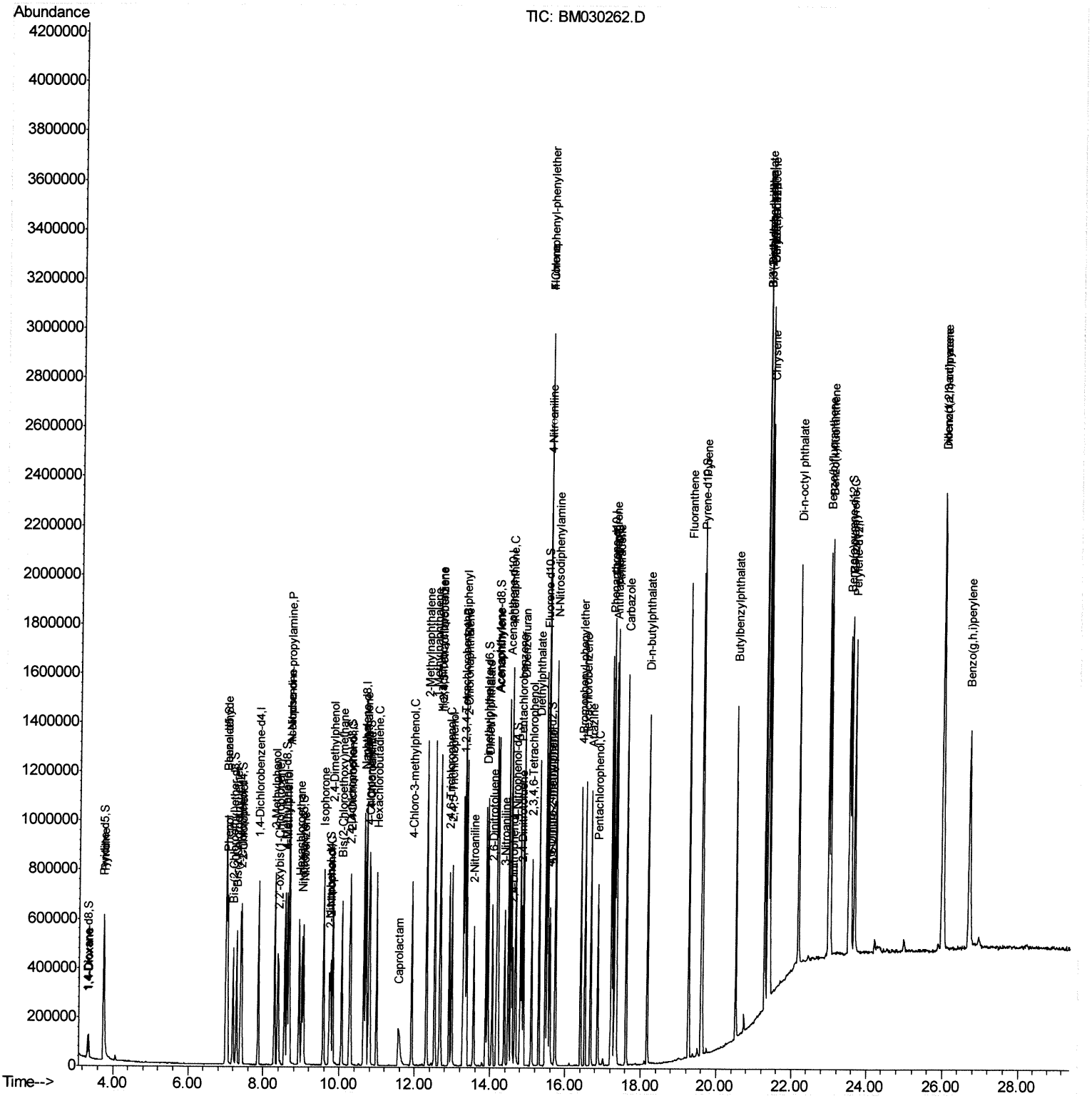

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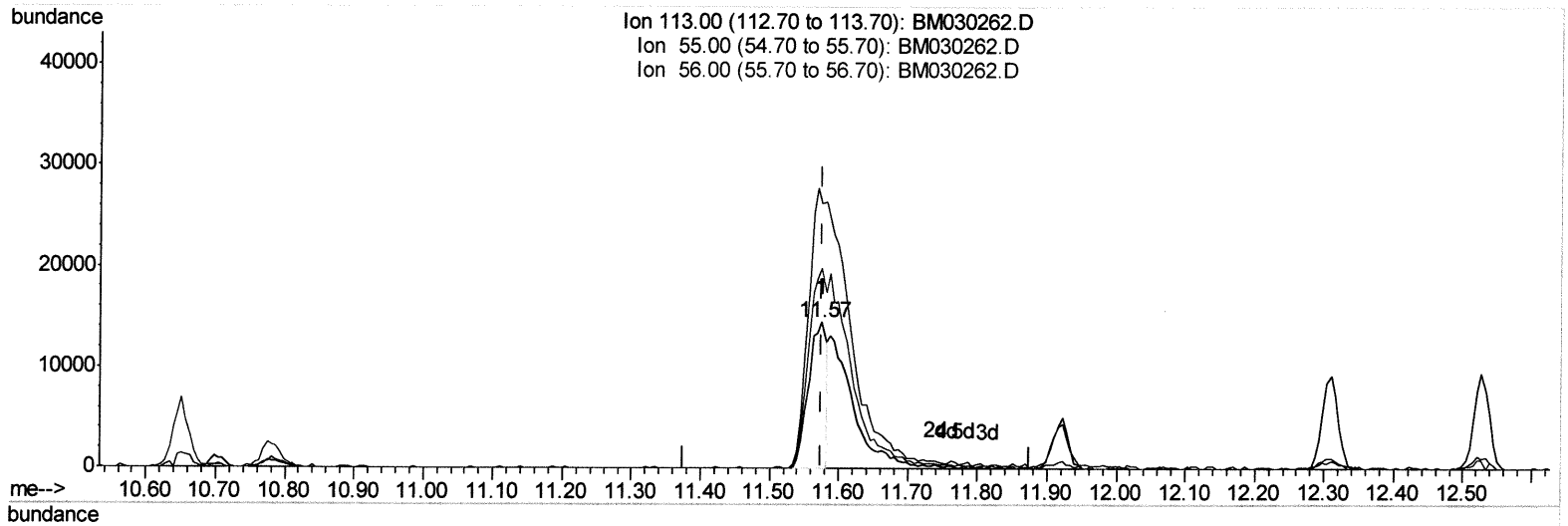

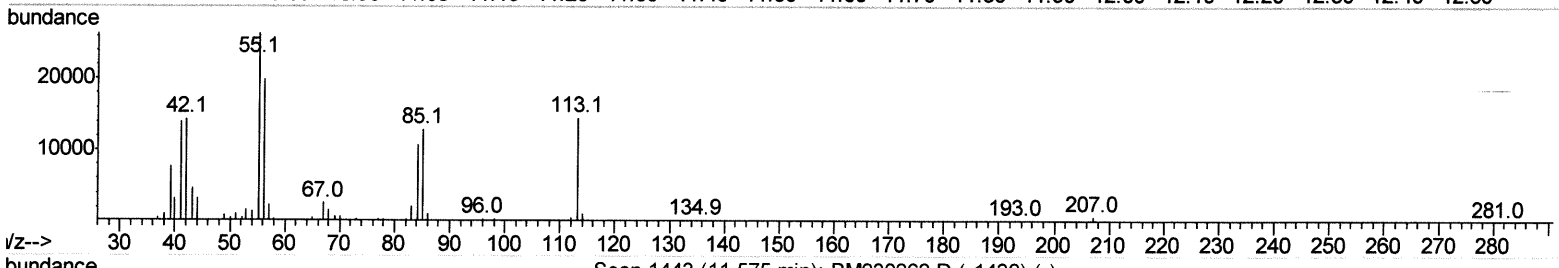

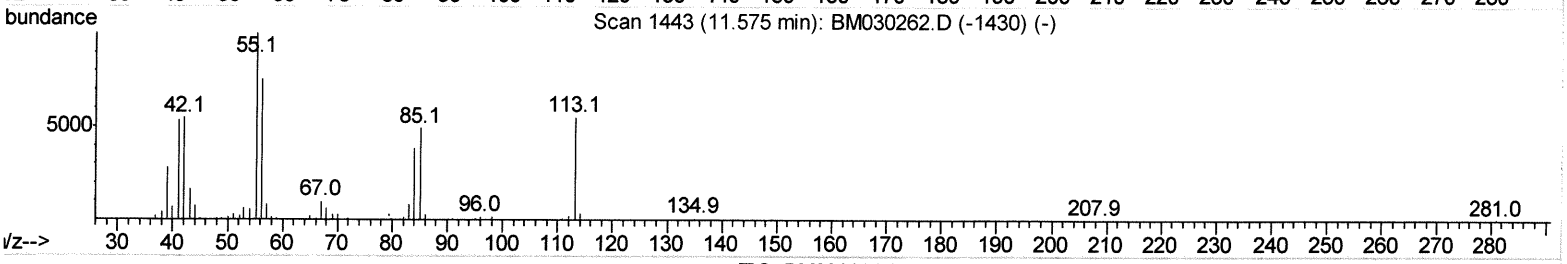

TIC: BM030262.D

(34) Caprolactam

11.575min (0.000) 6.45ng/ul

response 25291

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	181.53
56.00	134.00	136.78
0.00	0.00	0.00

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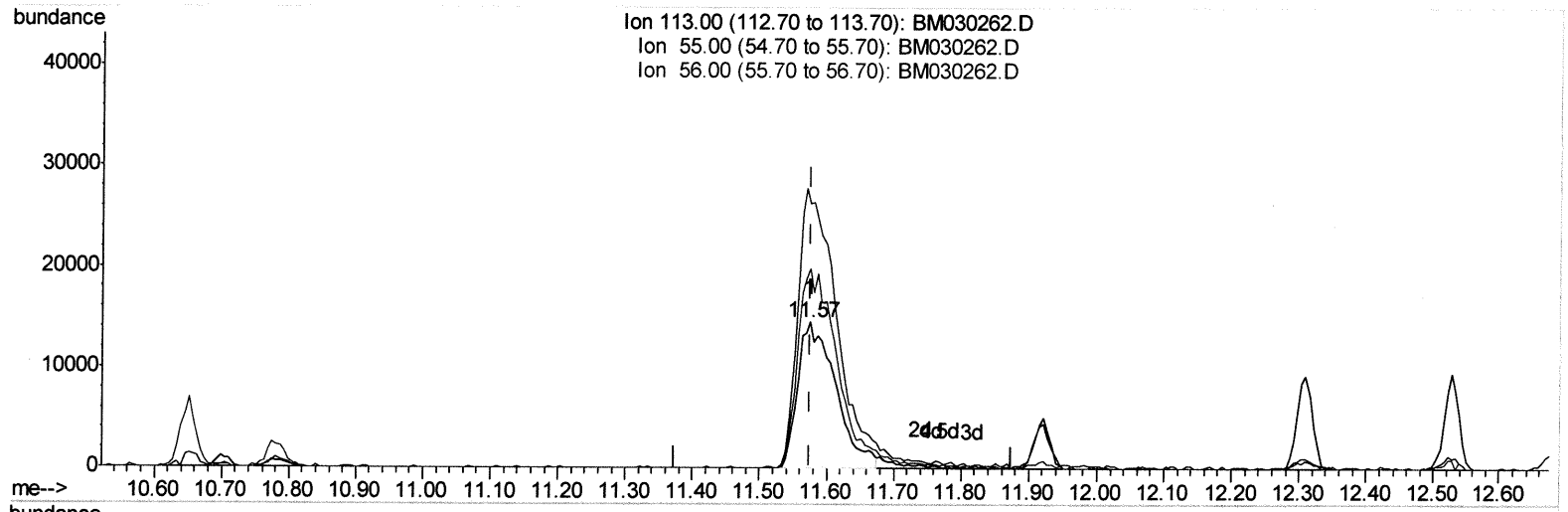

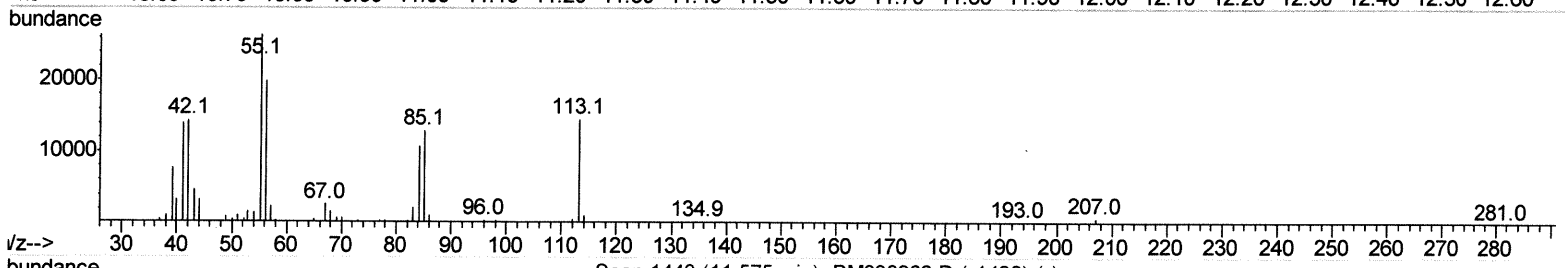

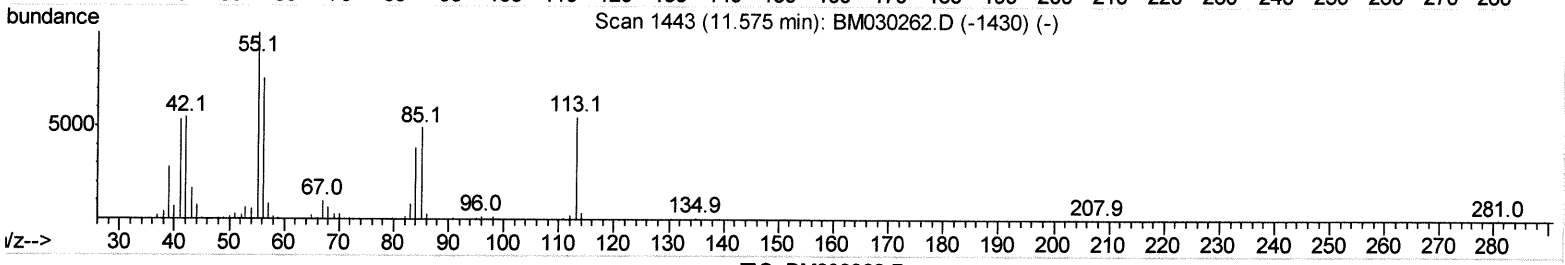

TIC: BM030262.D

(34) Caprolactam

11.575min (0.000) 14.58ng/ul m

JU 6/03/21

response 57158

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	181.53
56.00	134.00	136.78
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	201387	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	828989	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	500956	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.22	188	946174	20.00	ng/ul	0.00
79) Chrysene-d12	21.37	240	875775	20.00	ng/ul	0.00
88) Perylene-d12	23.66	264	854566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	38677	7.86	ng/uL	0.00
4) Pyridine-d5	3.73	84	252389	18.30	ng/ul	0.00
7) Phenol-d5	7.02	99	332197	18.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.19	67	216782	19.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.39	132	257473	19.41	ng/ul	0.00
15) 4-Methylphenol-d8	8.56	113	257470	18.31	ng/ul	0.00
21) Nitrobenzene-d5	9.02	128	115394	21.33	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	110526	21.45	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.27	165	254298	19.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	352674	17.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.89	166	681927	17.81	ng/ul	0.00
49) Acenaphthylene-d8	14.17	160	923726	18.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	111811	18.07	ng/ul	0.00
60) Fluorene-d10	15.47	176	608753	18.21	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.58	200	88834	19.37	ng/ul	0.00
73) Anthracene-d10	17.32	188	887020	18.94	ng/ul	0.00
81) Pyrene-d10	19.60	212	920799	19.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.51	264	910799	18.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	42525	8.035	ng/uL	98
5) Pyridine	3.76	79	266328	18.800	ng/ul	99
6) Benzaldehyde	7.00	77	219044	23.183	ng/ul	98
8) Phenol	7.04	94	341616	18.992	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.28	93	280231	19.409	ng/ul	98
12) 2-Chlorophenol	7.42	128	268465	19.766	ng/ul	98
13) 2-Methylphenol	8.29	108	248311	18.257	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.38	45	446179	18.597	ng/ul	99
16) Acetophenone	8.68	105	420222	18.492	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.66	70	218165	18.200	ng/ul	97
18) 4-Methylphenol	8.62	108	272681	18.619	ng/ul	98
19) Hexachloroethane	8.94	117	110790	19.051	ng/ul	92
22) Nitrobenzene	9.06	77	309287	21.114	ng/ul	98
23) Isophorone	9.58	82	544149	17.617	ng/ul	98
25) 2-Nitrophenol	9.77	139	128481	22.080	ng/ul	97
26) 2,4-Dimethylphenol	9.82	107	296033	19.122	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.06	93	370238	19.556	ng/ul	99
29) 2,4-Dichlorophenol	10.29	162	246517	19.209	ng/ul	98
30) Naphthalene	10.70	128	865265	19.024	ng/ul	100
32) 4-Chloroaniline	10.80	127	372264	18.208	ng/ul	98
33) Hexachlorobutadiene	10.99	225	159920	18.289	ng/ul	98
34) Caprolactam	11.57	113	57158m>	14.583	ng/ul>	

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Manual Integrations APPROVED
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6/3/2021 11:06:13 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	243166	18.076 ng/ul	99
36) 2-Methylnaphthalene	12.31	142	616404	18.125 ng/ul	99
37) 1-Methylnaphthalene	12.53	142	605728	18.321 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	317683	19.545 ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	197317	17.324 ng/ul	98
41) 2,4,6-Trichlorophenol	12.92	196	183126	20.073 ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	200141	20.278 ng/ul	98
43) 1,1'-Biphenyl	13.32	154	782420	19.584 ng/ul	99
44) 2-Chloronaphthalene	13.36	162	605079	19.701 ng/ul	99
45) 2-Nitroaniline	13.56	65	147524	20.911 ng/ul	96
47) Dimethylphthalate	13.94	163	686775	18.154 ng/ul	98
48) 2,6-Dinitrotoluene	14.06	165	121702	20.185 ng/ul	94
50) Acenaphthylene	14.20	152	903074	18.943 ng/ul	100
51) 3-Nitroaniline	14.38	138	135694	19.310 ng/ul#	96
52) Acenaphthene	14.54	153	632715	18.789 ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	96889	25.596 ng/ul	97
55) 4-Nitrophenol	14.67	109	100875	14.845 ng/ul	97
56) Dibenzofuran	14.88	168	874837	18.768 ng/ul	99
57) 2,4-Dinitrotoluene	14.84	165	168866	19.312 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	156209	18.743 ng/ul	97
59) Diethylphthalate	15.30	149	660402	17.234 ng/ul	99
61) Fluorene	15.53	166	727592	18.398 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.52	204	357997	18.462 ng/ul	98
63) 4-Nitroaniline	15.54	138	139397	19.292 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.60	198	88830	18.773 ng/ul	100
67) N-Nitrosodiphenylamine	15.73	169	608654	19.723 ng/ul	100
68) 4-Bromophenyl-phenylether	16.41	248	196229	18.426 ng/ul	97
69) Hexachlorobenzene	16.53	284	221466	18.193 ng/ul	96
70) Atrazine	16.67	200	185748	16.780 ng/ul	99
71) Pentachlorophenol	16.87	266	121353	16.324 ng/ul	97
72) Phenanthrene	17.26	178	1069641	19.290 ng/ul	100
74) Anthracene	17.35	178	1090959	19.180 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	322335	20.880 ng/uL	98
76) Pentachlorobenzene	14.80	250	284262	19.851 ng/uL	98
77) Carbazole	17.62	167	945730	18.348 ng/ul	100
78) Di-n-butylphthalate	18.18	149	997020	17.415 ng/ul	99
80) Fluoranthene	19.26	202	1139028	19.849 ng/ul	99
82) Pyrene	19.63	202	1205416	20.098 ng/ul	98
83) Butylbenzylphthalate	20.52	149	379533	18.539 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.29	252	357232	19.266 ng/ul	98
85) Benzo(a)anthracene	21.36	228	1121480	19.436 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.29	149	593039	18.053 ng/ul	99
87) Chrysene	21.41	228	1087308	19.358 ng/ul	99
89) Di-n-octyl phthalate	22.17	149	990632	18.029 ng/ul	100
90) Benzo(b)fluoranthene	22.97	252	1080767	18.872 ng/ul	99
91) Benzo(k)fluoranthene	23.01	252	1108767	19.633 ng/ul	99
93) Benzo(a)pyrene	23.56	252	979422	19.376 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.99	276	1275038	20.138 ng/ul	97
95) Dibenzo(a,h)anthracene	26.00	278	1077468	20.355 ng/ul	98
96) Benzo(g,h,i)perylene	26.70	276	1039987	20.104 ng/ul	97

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

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