Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
Data File : BM030497.D
Acq On : 21 Jun 2021 09:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 21 10:50:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 21 10:48:13 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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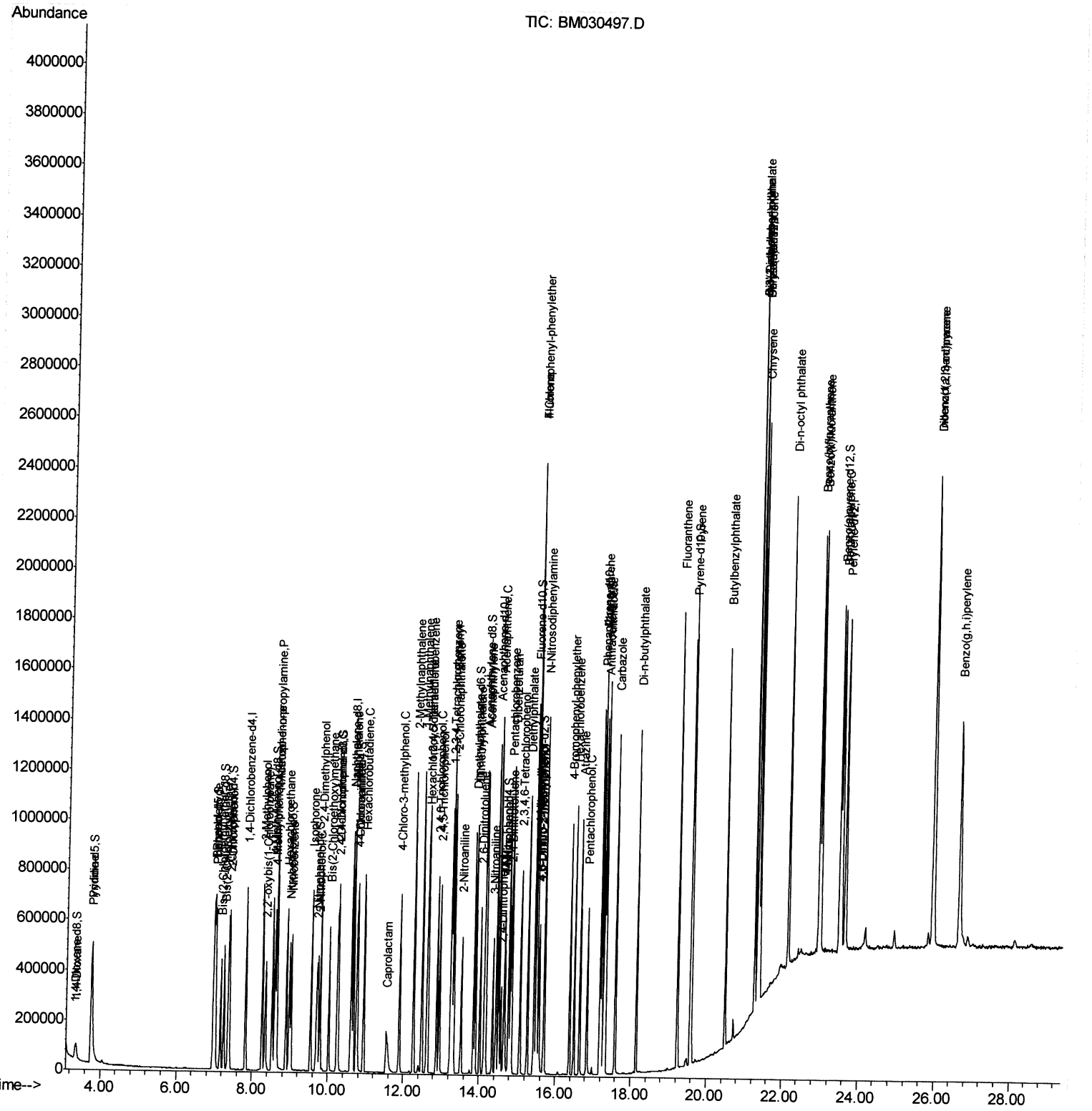

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Quant Time: Jun 21 10:48:05 2021
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QLast Update : Mon Jun 21 10:48:13 2021
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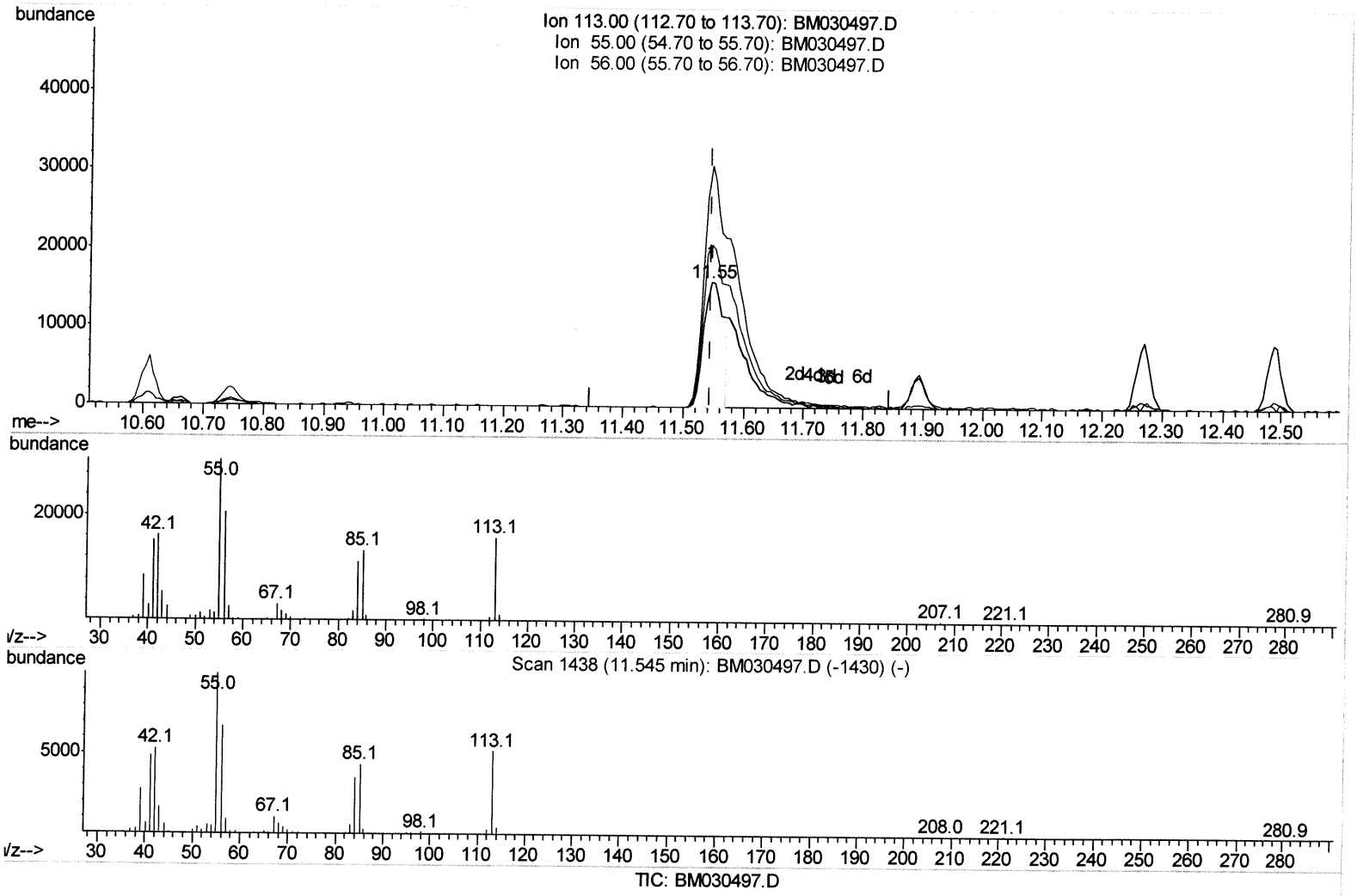

(34) Caprolactam

11.545min (0.000) 10.01ng/ul

response 35364

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	193.05
56.00	138.60	129.96
0.00	0.00	0.00

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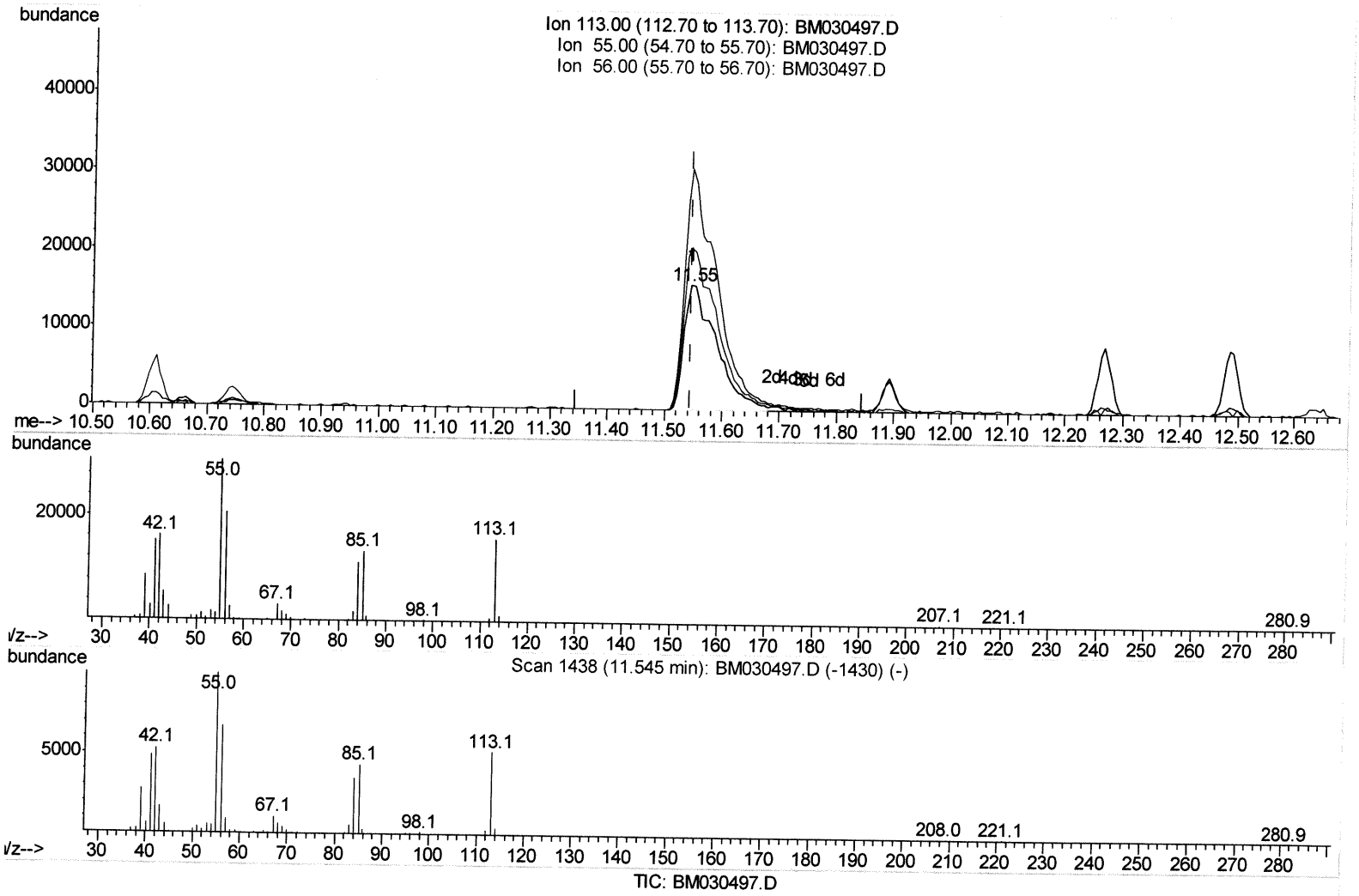

(34) Caprolactam

11.545min (0.000) 17.61ng/ul m

response 62208

JT 6/28/21

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	193.05
56.00	138.60	129.96
0.00	0.00	0.00

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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)
1) 1,4-Dichlorobenzene-d4	7.83	152	204150	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	765169	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	447885	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	861862	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	871505	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	905777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	43075	8.06	ng/uL	0.00
4) Pyridine-d5	3.75	84	251670	17.91	ng/ul	0.00
7) Phenol-d5	7.00	99	327888	18.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	206567	18.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	274307	21.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	248614	17.54	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	119376	22.79	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	132656	25.50	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	255013	22.51	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	319941	18.47	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	627564	20.42	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	845319	22.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	102742	17.86	ng/ul	0.00
60) Fluorene-d10	15.44	176	547293	19.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	90991	18.29	ng/ul	0.00
73) Anthracene-d10	17.29	188	816685	20.83	ng/ul	0.00
81) Pyrene-d10	19.57	212	875706	19.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	978436	21.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	43901	8.101	ng/uL	97
5) Pyridine	3.76	79	268183	18.083	ng/ul	88
6) Benzaldehyde	6.97	77	212428	25.546	ng/ul	94
8) Phenol	7.02	94	330888	18.413	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.25	93	264284	18.216	ng/ul	99
12) 2-Chlorophenol	7.39	128	279166	21.089	ng/ul	99
13) 2-Methylphenol	8.26	108	241672	18.085	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.35	45	415364	17.774	ng/ul	99
16) Acetophenone	8.65	105	391386	17.468	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.63	70	175207	16.089	ng/ul	96
18) 4-Methylphenol	8.59	108	254243	17.254	ng/ul	99
19) Hexachloroethane	8.90	117	118840	21.217	ng/ul	92
22) Nitrobenzene	9.02	77	294781	21.924	ng/ul	99
23) Isophorone	9.55	82	505162	20.548	ng/ul	100
25) 2-Nitrophenol	9.73	139	141681	24.587	ng/ul	99
26) 2,4-Dimethylphenol	9.79	107	277919	21.304	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.02	93	326151	19.925	ng/ul	99
29) 2,4-Dichlorophenol	10.26	162	245123	22.215	ng/ul	99
30) Naphthalene	10.66	128	796451	20.535	ng/ul	99
32) 4-Chloroaniline	10.77	127	330957	19.088	ng/ul	99
33) Hexachlorobutadiene	10.95	225	170516	24.282	ng/ul	98
34) Caprolactam	11.55	113	62208m	17.607	ng/ul	98

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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) 4-Chloro-3-methylphenol	11.89	107	225333	20.067 ng/ul	100
36) 2-Methylnaphthalene	12.27	142	560992	20.331 ng/ul	99
37) 1-Methylnaphthalene	12.49	142	544875	19.455 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	303597	23.316 ng/ul	99
40) Hexachlorocyclopentadiene	12.62	237	192367	23.380 ng/ul	96
41) 2,4,6-Trichlorophenol	12.88	196	185943	23.769 ng/ul	96
42) 2,4,5-Trichlorophenol	12.95	196	195855	22.984 ng/ul	99
43) 1,1'-Biphenyl	13.28	154	690285	21.153 ng/ul	99
44) 2-Chloronaphthalene	13.32	162	540612	21.467 ng/ul	99
45) 2-Nitroaniline	13.53	65	145258	23.073 ng/ul	98
47) Dimethylphthalate	13.90	163	621555	20.701 ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	125132	23.256 ng/ul	95
50) Acenaphthylene	14.17	152	798756	21.778 ng/ul	100
51) 3-Nitroaniline	14.35	138	128545	20.954 ng/ul	100
52) Acenaphthene	14.51	153	555534	20.388 ng/ul	98
53) 2,4-Dinitrophenol	14.56	184	77873	21.687 ng/ul	98
55) 4-Nitrophenol	14.66	109	84514	18.750 ng/ul	96
56) Dibenzofuran	14.85	168	767054	20.234 ng/ul	99
57) 2,4-Dinitrotoluene	14.81	165	172721	22.697 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	162946	23.887 ng/ul	96
59) Diethylphthalate	15.26	149	616293	20.799 ng/ul	99
61) Fluorene	15.49	166	633708	19.910 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.49	204	322838	21.062 ng/ul	100
63) 4-Nitroaniline	15.52	138	132683	23.099 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.57	198	91123	18.472 ng/ul	98
67) N-Nitrosodiphenylamine	15.70	169	541317	21.321 ng/ul	100
68) 4-Bromophenyl-phenylether	16.38	248	187799	22.402 ng/ul	95
69) Hexachlorobenzene	16.50	284	212390	22.291 ng/ul	97
70) Atrazine	16.65	200	181561	19.926 ng/ul	98
71) Pentachlorophenol	16.84	266	119196	20.414 ng/ul	98
72) Phenanthrene	17.23	178	946393	20.308 ng/ul	99
74) Anthracene	17.32	178	974147	20.712 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.25	216	309300	24.941 ng/uL	99
76) Pentachlorobenzene	14.77	250	265839	22.259 ng/uL	99
77) Carbazole	17.59	167	853621	20.435 ng/ul	99
78) Di-n-butylphthalate	18.15	149	1001958	22.904 ng/ul	99
80) Fluoranthene	19.24	202	1071350	19.114 ng/ul	99
82) Pyrene	19.60	202	1121258	18.916 ng/ul	98
83) Butylbenzylphthalate	20.49	149	447396	24.048 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.27	252	385748	24.476 ng/ul#	97
85) Benzo(a)anthracene	21.34	228	1113596	21.147 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.27	149	695095	24.630 ng/ul	98
87) Chrysene	21.39	228	1074231	20.689 ng/ul	100
89) Di-n-octyl phthalate	22.15	149	1186691	20.341 ng/ul	100
90) Benzo(b)fluoranthene	22.94	252	1172322	20.135 ng/ul	98
91) Benzo(k)fluoranthene	22.99	252	1098958	19.760 ng/ul	98
93) Benzo(a)pyrene	23.53	252	1021616	20.075 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.94	276	1331605	21.261 ng/ul	96
95) Dibenzo(a,h)anthracene	25.95	278	1120152	21.242 ng/ul	98
96) Benzo(g,h,i)perylene	26.64	276	1099623	21.365 ng/ul	96

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

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