Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
Data File : BM030508.D
Acq On : 21 Jun 2021 17:30
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 21 18:03:58 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 :
SSTDCCC020EC

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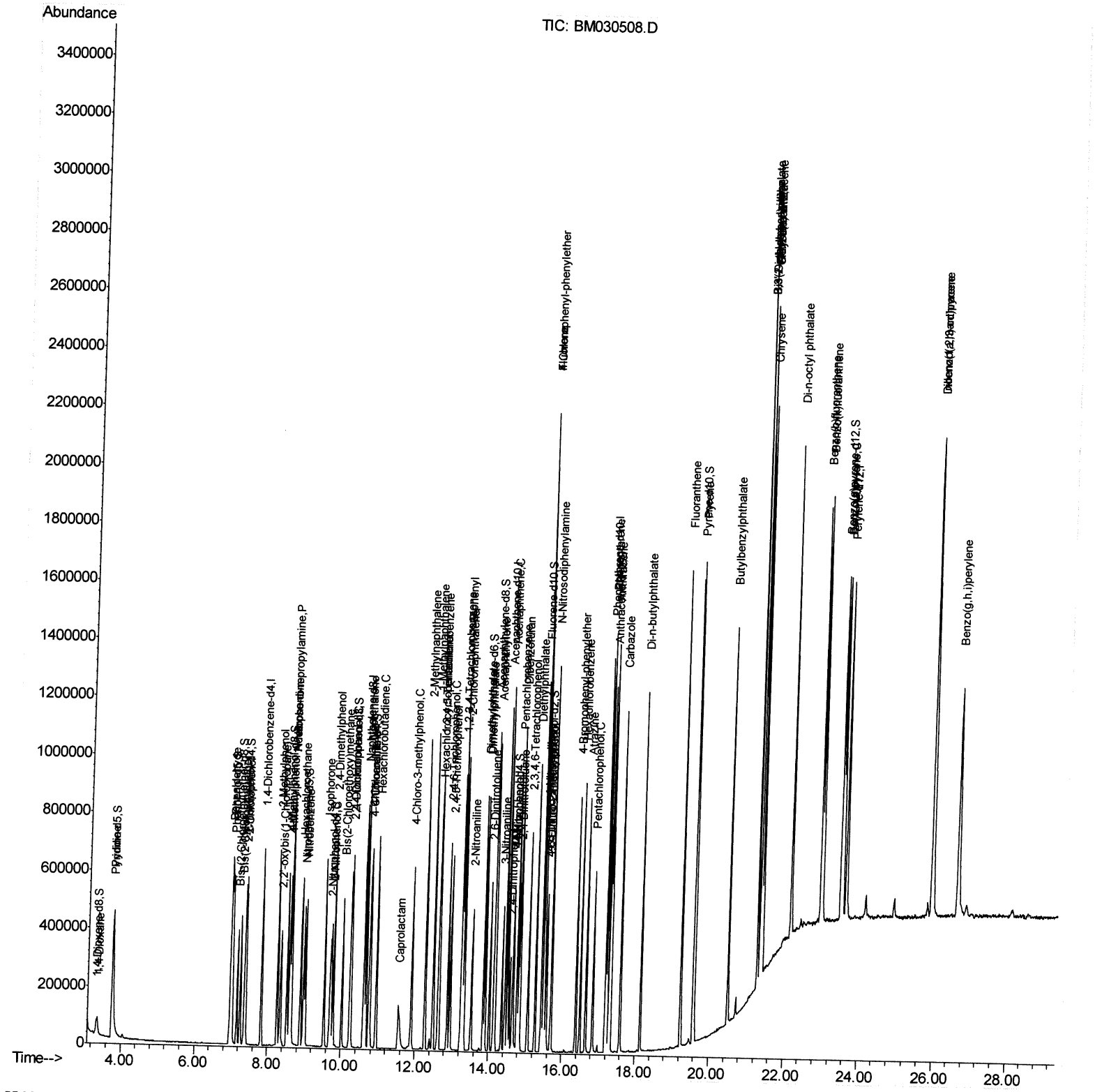

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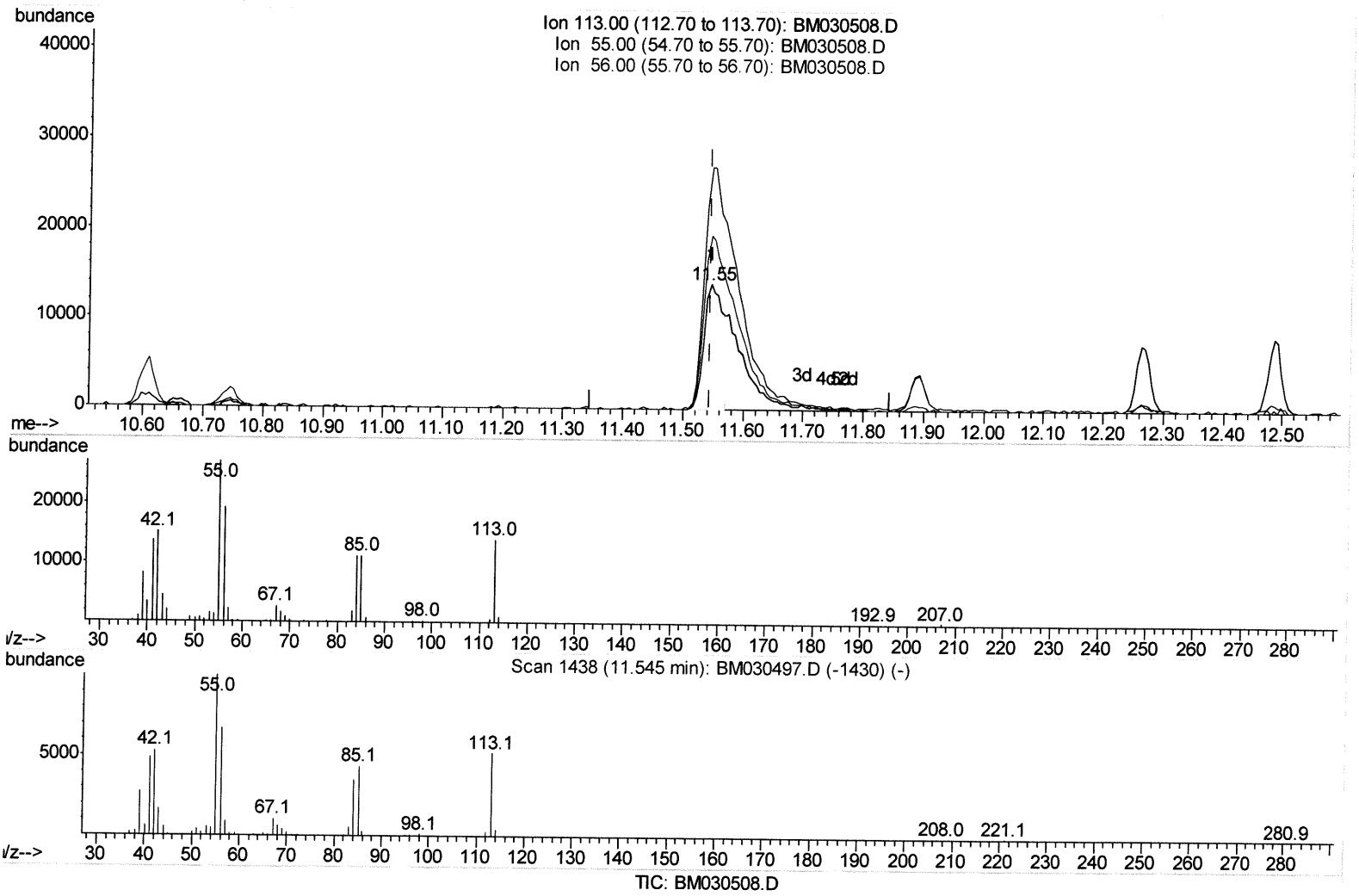

TIC: BM030508.D

(34) Caprolactam

11.545min (-0.000) 9.41ng/ul

response 30284

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	193.19
56.00	138.60	138.33
0.00	0.00	0.00

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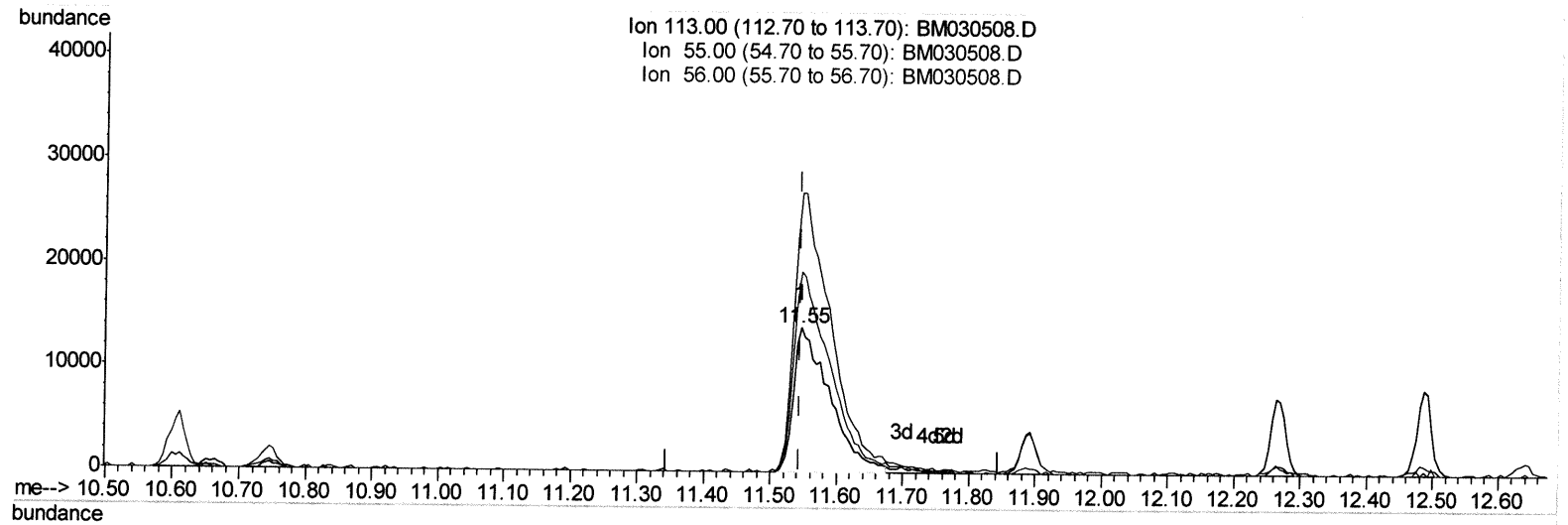

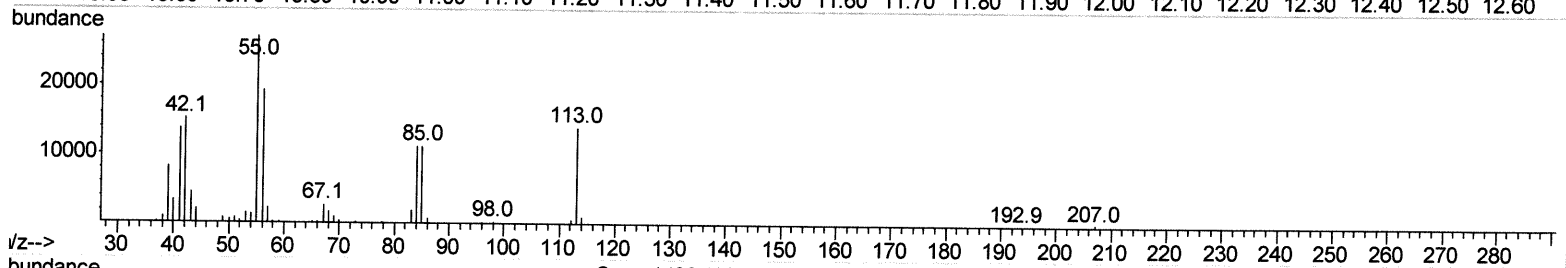

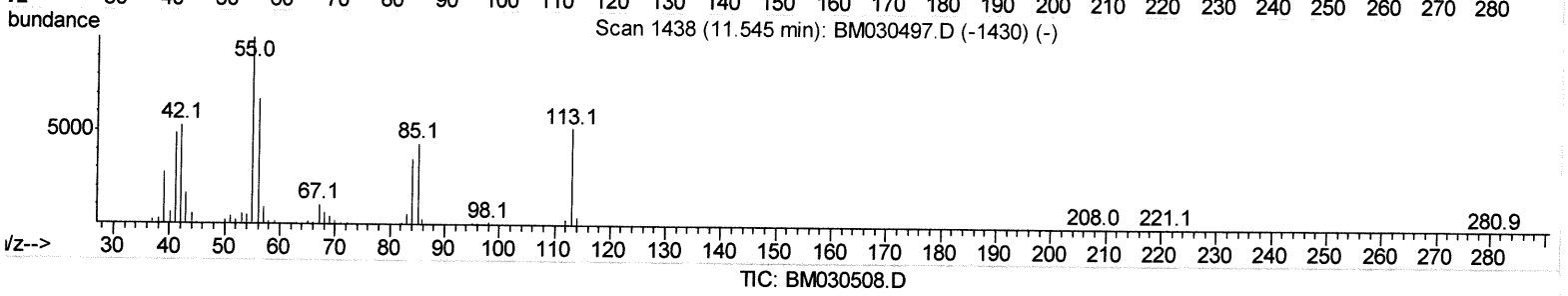

TIC: BM030508.D

(34) Caprolactam

11.545min (-0.000) 16.61ng/ul m JU 6/23/21

response 53474

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	193.19
56.00	138.60	138.33
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	7.82	152	186864	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	697272	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	400174	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	777815	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	757677	20.00	ng/ul	0.00
88) Perylene-d12	23.64	264	793768	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	39506	8.07	ng/uL	0.00
4) Pyridine-d5	3.75	84	240915	18.74	ng/ul	0.00
7) Phenol-d5	6.99	99	296758	18.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	188599	17.99	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	249862	21.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	223470	17.23	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	105955	22.20	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	117912	24.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	229521	22.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	288543	18.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	559025	20.36	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	748967	21.83	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	92674	18.03	ng/ul	0.00
60) Fluorene-d10	15.44	176	489595	19.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	78432	17.47	ng/ul	0.00
73) Anthracene-d10	17.29	188	730411	20.65	ng/ul	0.00
81) Pyrene-d10	19.57	212	782802	19.74	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	858498	21.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	41751	8.417	ng/uL	95
5) Pyridine	3.76	79	244308	17.997	ng/ul	87
6) Benzaldehyde	6.97	77	191034	25.098	ng/ul	99
8) Phenol	7.02	94	301539	18.332	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.25	93	242444	18.257	ng/ul	97
12) 2-Chlorophenol	7.39	128	250914	20.708	ng/ul	98
13) 2-Methylphenol	8.26	108	219231	17.923	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.35	45	378844	17.711	ng/ul	98
16) Acetophenone	8.64	105	349535	17.044	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.63	70	162856	16.338	ng/ul	97
18) 4-Methylphenol	8.59	108	230760	17.109	ng/ul	98
19) Hexachloroethane	8.90	117	109239	21.307	ng/ul	95
22) Nitrobenzene	9.02	77	267755	21.853	ng/ul	98
23) Isophorone	9.54	82	456424	20.373	ng/ul	100
25) 2-Nitrophenol	9.73	139	128116	24.398	ng/ul	98
26) 2,4-Dimethylphenol	9.79	107	249629	20.999	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.02	93	294670	19.755	ng/ul	99
29) 2,4-Dichlorophenol	10.26	162	218939	21.774	ng/ul	98
30) Naphthalene	10.66	128	720425	20.383	ng/ul	100
32) 4-Chloroaniline	10.77	127	296370	18.757	ng/ul	99
33) Hexachlorobutadiene	10.94	225	153272	23.952	ng/ul	97
34) Caprolactam	11.55	113	53474m	16.609	ng/ul	

JU 6/28/21

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 21 10:48:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.89	107	206692	20.199 ng/ul	97
36) 2-Methylnaphthalene	12.27	142	498452	19.824 ng/ul	100
37) 1-Methylnaphthalene	12.49	142	482377	18.901 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	272111	23.389 ng/ul	99
40) Hexachlorocyclopentadiene	12.62	237	166218	22.611 ng/ul	96
41) 2,4,6-Trichlorophenol	12.88	196	167456	23.958 ng/ul	98
42) 2,4,5-Trichlorophenol	12.95	196	177929	23.370 ng/ul	99
43) 1,1'-Biphenyl	13.28	154	618745	21.222 ng/ul	98
44) 2-Chloronaphthalene	13.32	162	486868	21.638 ng/ul	100
45) 2-Nitroaniline	13.53	65	130859	23.264 ng/ul	98
47) Dimethylphthalate	13.90	163	562474	20.966 ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	111246	23.140 ng/ul	94
50) Acenaphthylene	14.17	152	714215	21.795 ng/ul	100
51) 3-Nitroaniline	14.35	138	117974	21.523 ng/ul	99
52) Acenaphthene	14.51	153	500496	20.558 ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	70389	21.940 ng/ul	95
55) 4-Nitrophenol	14.66	109	75994	18.870 ng/ul	93
56) Dibenzofuran	14.84	168	692281	20.439 ng/ul	100
57) 2,4-Dinitrotoluene	14.81	165	154435	22.713 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	145994	23.954 ng/ul	94
59) Diethylphthalate	15.26	149	550887	20.809 ng/ul	100
61) Fluorene	15.49	166	564834	19.862 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.49	204	288091	21.036 ng/ul	99
63) 4-Nitroaniline	15.52	138	118318	23.054 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.57	198	80994	18.193 ng/ul	100
67) N-Nitrosodiphenylamine	15.70	169	485419	21.185 ng/ul	100
68) 4-Bromophenyl-phenylether	16.38	248	166367	21.990 ng/ul	97
69) Hexachlorobenzene	16.50	284	189501	22.038 ng/ul	98
70) Atrazine	16.65	200	162694	19.785 ng/ul	100
71) Pentachlorophenol	16.84	266	107305	20.364 ng/ul	95
72) Phenanthrene	17.23	178	845656	20.107 ng/ul	99
74) Anthracene	17.32	178	871003	20.520 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.25	216	281064	25.114 ng/uL	98
76) Pentachlorobenzene	14.77	250	239374	22.209 ng/uL	99
77) Carbazole	17.59	167	757856	20.103 ng/ul	99
78) Di-n-butylphthalate	18.15	149	893599	22.634 ng/ul	100
80) Fluoranthene	19.24	202	951976	19.536 ng/ul	99
82) Pyrene	19.60	202	1001697	19.438 ng/ul	95
83) Butylbenzylphthalate	20.50	149	396981	24.544 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.27	252	329006	24.011 ng/ul	99
85) Benzo(a)anthracene	21.34	228	977102	21.343 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.27	149	609360	24.836 ng/ul	99
87) Chrysene	21.39	228	948461	21.011 ng/ul	100
89) Di-n-octyl phthalate	22.16	149	1043090	20.402 ng/ul	100
90) Benzo(b)fluoranthene	22.95	252	987134	19.347 ng/ul	98
91) Benzo(k)fluoranthene	22.99	252	1014378	20.813 ng/ul	99
93) Benzo(a)pyrene	23.54	252	896474	20.102 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.94	276	1173178	21.374 ng/ul	96
95) Dibenzo(a,h)anthracene	25.96	278	984436	21.302 ng/ul	98
96) Benzo(g,h,i)perylene	26.66	276	968734	21.478 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