Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060621\
Data File : BM030299.D
Acq On : 04 Jun 2021 16:53
Operator : CG/JU
Sample : SSTD02015
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 17:29:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 04 17:27:19 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020015

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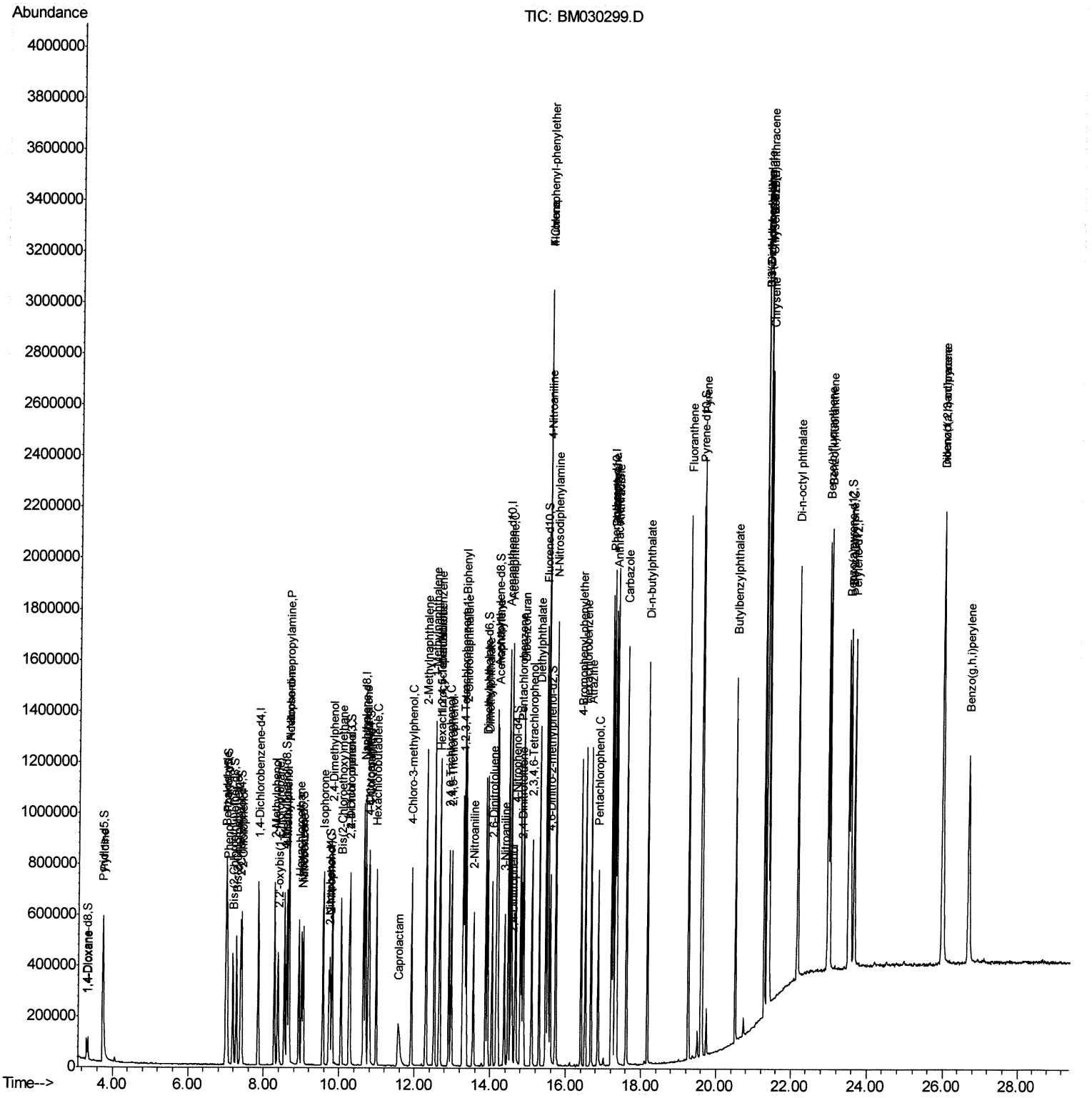

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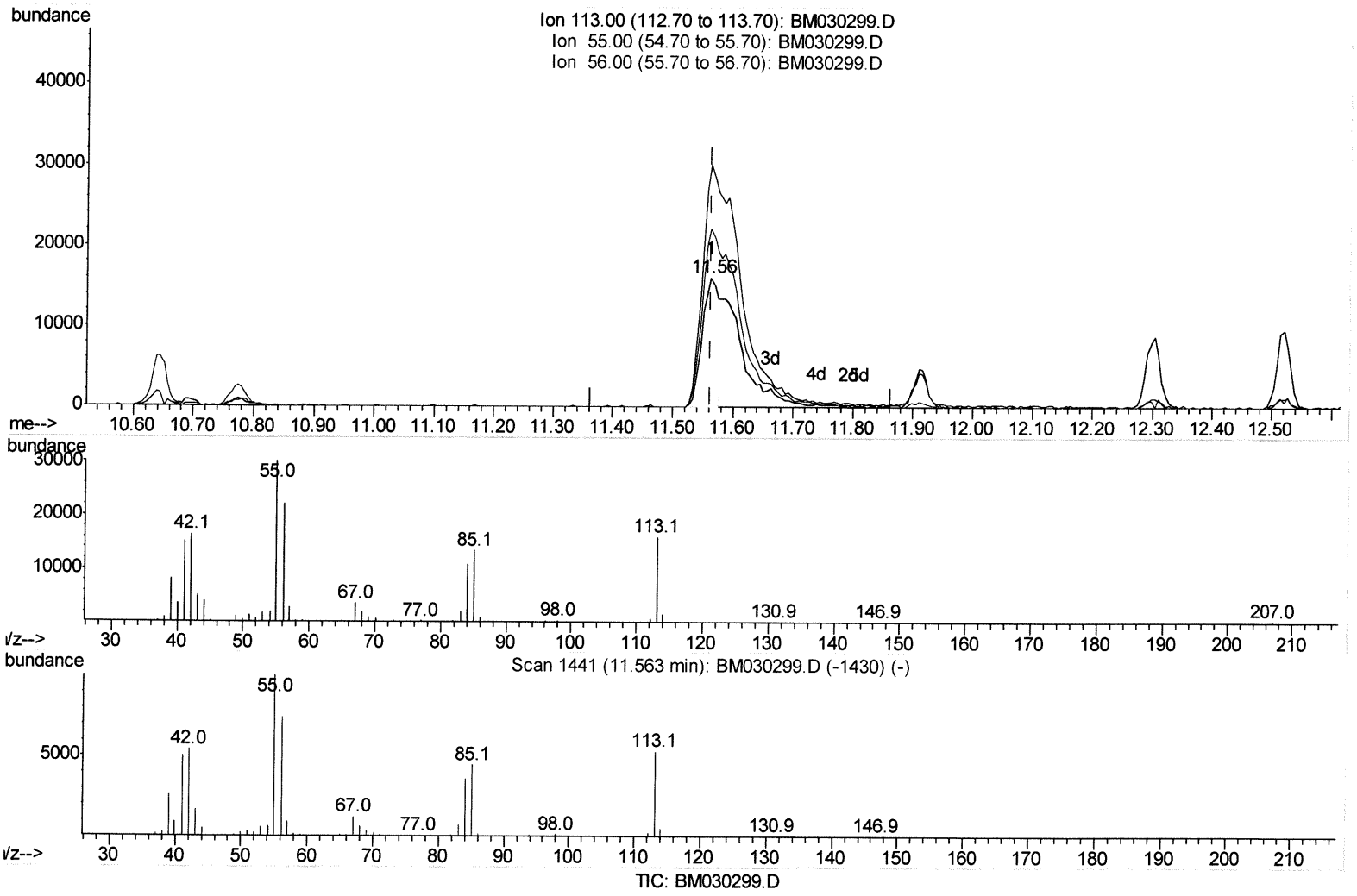

(34) Caprolactam

11.563min (0.000) 7.32ng/ul

response 28977

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	187.94
56.00	138.60	138.61
0.00	0.00	0.00

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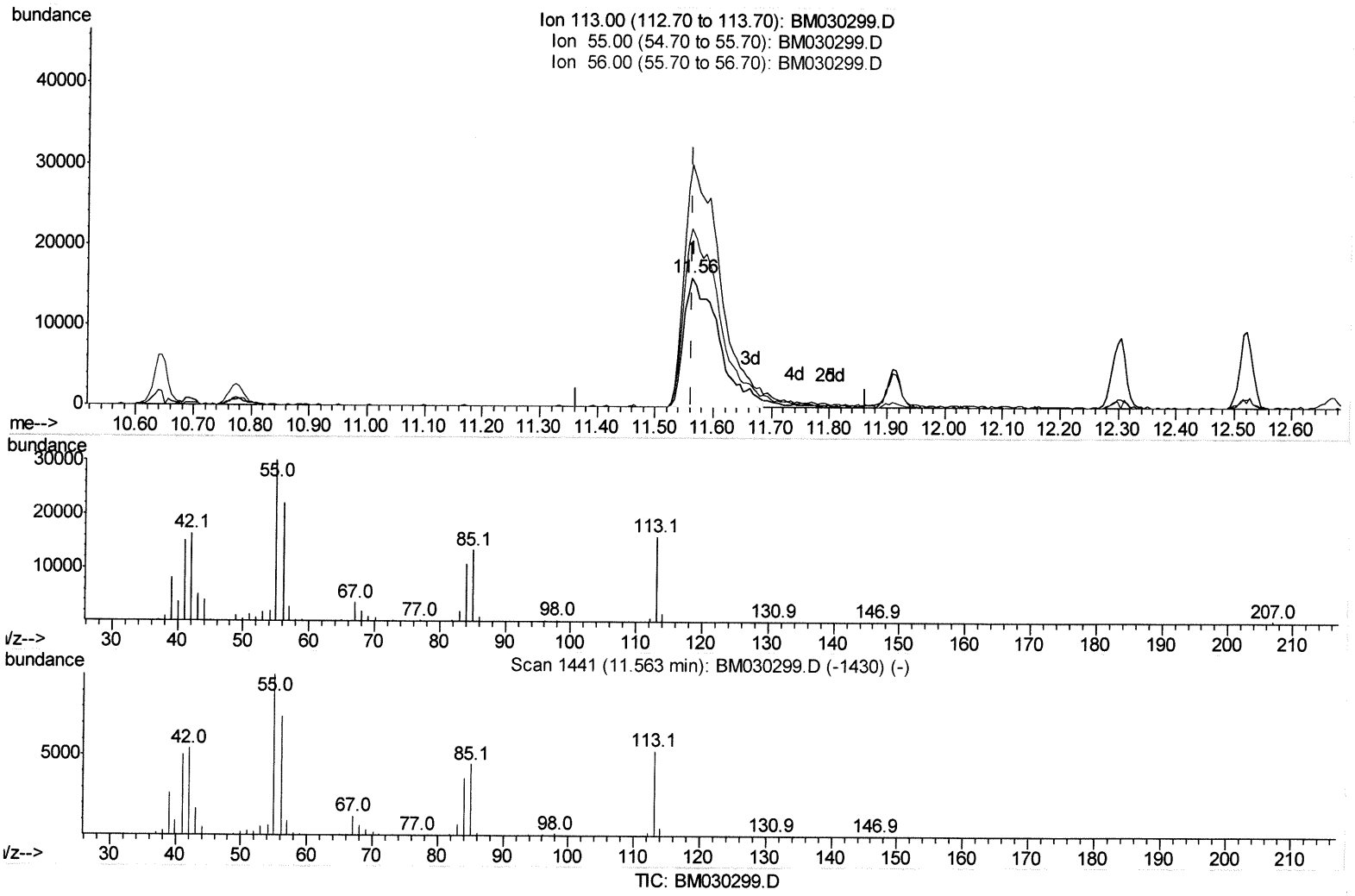

TIC: BM030299.D

(34) Caprolactam

11.563min (0.000) 16.80ng/ul m JU 6/23/21

response 66521

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	187.94
56.00	138.60	138.61
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	7.85	152	192138	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	837331	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.47	164	540241	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.21	188	1082501	20.00	ng/ul	0.00
79) Chrysene-d12	21.37	240	979137	20.00	ng/ul	0.00
88) Perylene-d12	23.66	264	873186	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	39443	8.40	ng/uL	0.00
4) Pyridine-d5	3.73	84	242523	18.43	ng/ul	0.00
7) Phenol-d5	7.01	99	309339	18.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	209157	19.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.39	132	245469	19.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	249383	18.59	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	115421	21.12	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	114789	22.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	253719	18.89	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	362037	18.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.89	166	747730	18.10	ng/ul	0.00
49) Acenaphthylene-d8	14.17	160	949996	17.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	127622	19.12	ng/ul	0.00
60) Fluorene-d10	15.46	176	667053	18.50	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.58	200	105159	20.04	ng/ul	0.00
73) Anthracene-d10	17.31	188	994726	18.57	ng/ul	0.00
81) Pyrene-d10	19.59	212	1024313	19.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.51	264	897042	18.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	39998	7.921	ng/uL	100
5) Pyridine	3.75	79	264429	19.564	ng/ul	100
6) Benzaldehyde	6.99	77	149331	16.566	ng/ul	100
8) Phenol	7.03	94	316927	18.467	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.27	93	264726	19.218	ng/ul	100
12) 2-Chlorophenol	7.42	128	254346	19.628	ng/ul	100
13) 2-Methylphenol	8.29	108	235524	18.150	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.38	45	428896	18.737	ng/ul	100
16) Acetophenone	8.67	105	406971	18.771	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.66	70	210013	18.363	ng/ul	100
18) 4-Methylphenol	8.61	108	262082	18.757	ng/ul	100
19) Hexachloroethane	8.93	117	106235	19.148	ng/ul	100
22) Nitrobenzene	9.05	77	298526	20.176	ng/ul	100
23) Isophorone	9.57	82	542980	17.404	ng/ul	100
25) 2-Nitrophenol	9.76	139	128014	21.781	ng/ul	100
26) 2,4-Dimethylphenol	9.81	107	288447	18.446	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.05	93	360336	18.844	ng/ul	100
29) 2,4-Dichlorophenol	10.29	162	242332	18.695	ng/ul	100
30) Naphthalene	10.69	128	849467	18.491	ng/ul	100
32) 4-Chloroaniline	10.80	127	361932	17.527	ng/ul	100
33) Hexachlorobutadiene	10.98	225	153478	17.378	ng/ul	100
34) Caprolactam	11.56	113	66521m	16.803	ng/ul	100

JU 6/23/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.91	107	251686	18.523	ng/ul	100
36) 2-Methylnaphthalene	12.30	142	611593	17.804	ng/ul	100
37) 1-Methylnaphthalene	12.52	142	618626	18.524	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	308825	17.618	ng/ul	100
40) Hexachlorocyclopentadiene	12.65	237	178976	14.571	ng/ul	100
41) 2,4,6-Trichlorophenol	12.90	196	190449	19.358	ng/ul	100
42) 2,4,5-Trichlorophenol	12.97	196	207148	19.462	ng/ul	100
43) 1,1'-Biphenyl	13.31	154	790962	18.358	ng/ul	100
44) 2-Chloronaphthalene	13.35	162	608570	18.374	ng/ul	100
45) 2-Nitroaniline	13.55	65	154298	20.281	ng/ul	100
47) Dimethylphthalate	13.93	163	730427	17.903	ng/ul	100
48) 2,6-Dinitrotoluene	14.04	165	132823	20.428	ng/ul	100
50) Acenaphthylene	14.20	152	901838	17.541	ng/ul	100
51) 3-Nitroaniline	14.37	138	130863	17.268	ng/ul	100
52) Acenaphthene	14.54	153	656018	18.064	ng/ul	100
53) 2,4-Dinitrophenol	14.58	184	71088	17.414	ng/ul	100
55) 4-Nitrophenol	14.67	109	100587	13.726	ng/ul	100
56) Dibenzofuran	14.87	168	915509	18.213	ng/ul	100
57) 2,4-Dinitrotoluene	14.83	165	190533	20.205	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.10	232	166272	18.499	ng/ul	100
59) Diethylphthalate	15.29	149	717158	17.354	ng/ul	100
61) Fluorene	15.52	166	774074	18.151	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.52	204	371666	17.774	ng/ul	100
63) 4-Nitroaniline	15.53	138	124521	15.980	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.59	198	108353	20.015	ng/ul	100
67) N-Nitrosodiphenylamine	15.73	169	642445	18.196	ng/ul	100
68) 4-Bromophenyl-phenylether	16.40	248	207182	17.005	ng/ul	100
69) Hexachlorobenzene	16.52	284	237518	17.055	ng/ul	100
70) Atrazine	16.67	200	210428	16.616	ng/ul	100
71) Pentachlorophenol	16.86	266	125883	14.801	ng/ul	100
72) Phenanthrene	17.25	178	1165898	18.378	ng/ul	100
74) Anthracene	17.34	178	1187347	18.246	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.27	216	307028	17.384	ng/uL	100
76) Pentachlorobenzene	14.80	250	297749	18.174	ng/uL	100
77) Carbazole	17.61	167	1016992	17.246	ng/ul	100
78) Di-n-butylphthalate	18.17	149	1107896	16.914	ng/ul	100
80) Fluoranthene	19.26	202	1271313	19.816	ng/ul	100
82) Pyrene	19.62	202	1338118	19.955	ng/ul	100
83) Butylbenzylphthalate	20.52	149	411869	17.995	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.29	252	314560	15.174	ng/ul	100
85) Benzo(a)anthracene	21.36	228	1191212	18.465	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.29	149	625313	17.026	ng/ul	100
87) Chrysene	21.41	228	1166636	18.578	ng/ul	100
89) Di-n-octyl phthalate	22.17	149	1007274	17.941	ng/ul	100
90) Benzo(b)fluoranthene	22.96	252	1118738	19.119	ng/ul	100
91) Benzo(k)fluoranthene	23.01	252	1120202	19.413	ng/ul	100
93) Benzo(a)pyrene	23.56	252	1003370	19.427	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.98	276	1199461	18.540	ng/ul	100
95) Dibenzo(a,h)anthracene	25.99	278	1015781	18.781	ng/ul	100
96) Benzo(g,h,i)perylene	26.69	276	978345	18.509	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