Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030556.D
Acq On : 23 Jun 2021 17:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jun 23 17:32:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

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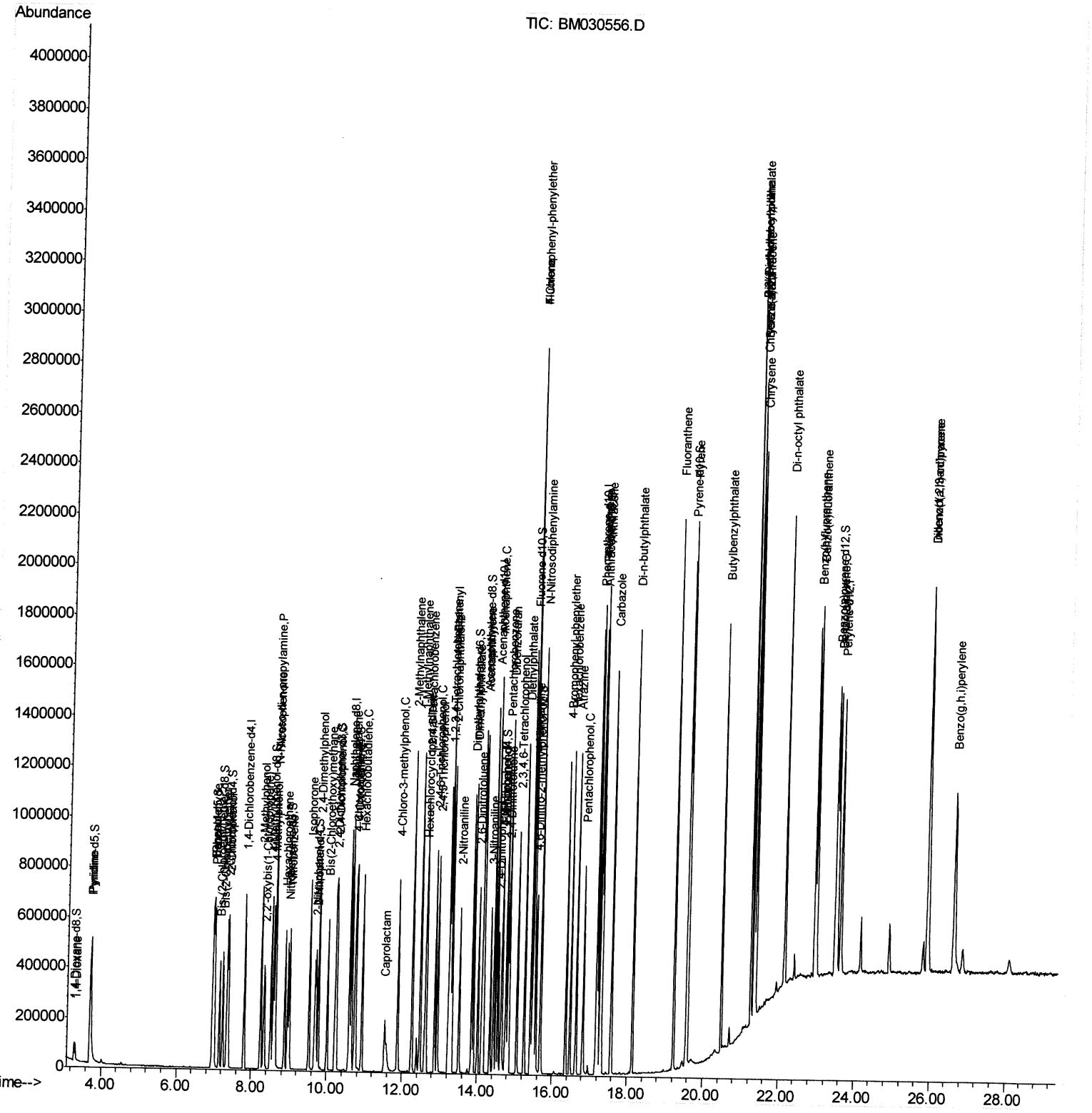

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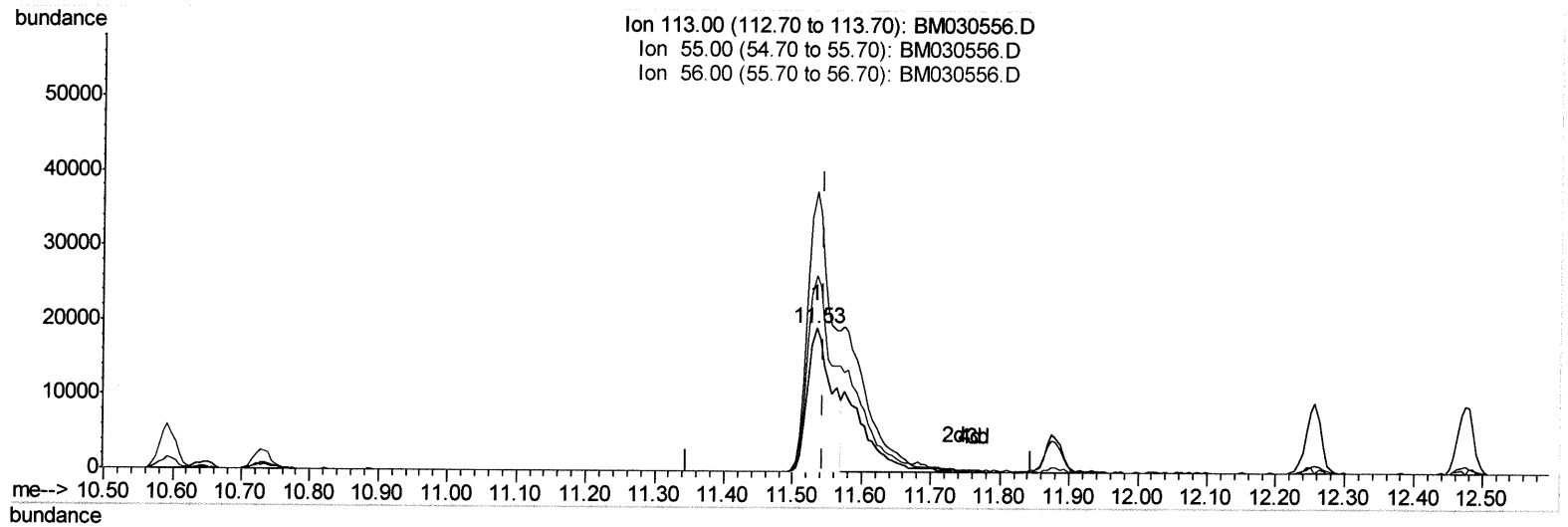

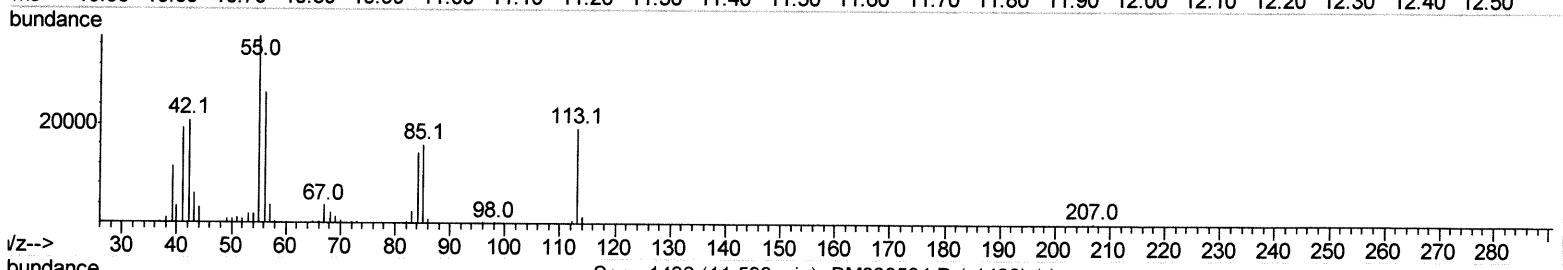

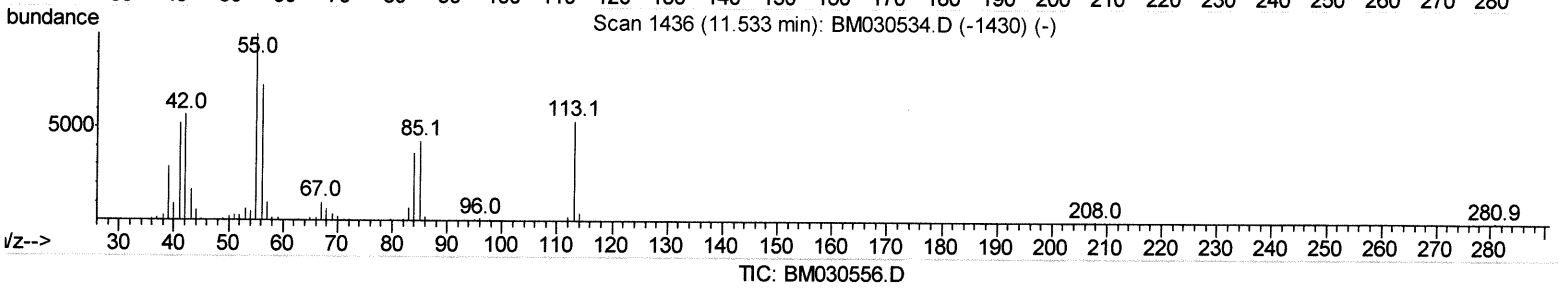

(34) Caprolactam

11.533min (-0.012) 13.76ng/ul

response 46675

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	195.22
56.00	127.40	137.01
0.00	0.00	0.00

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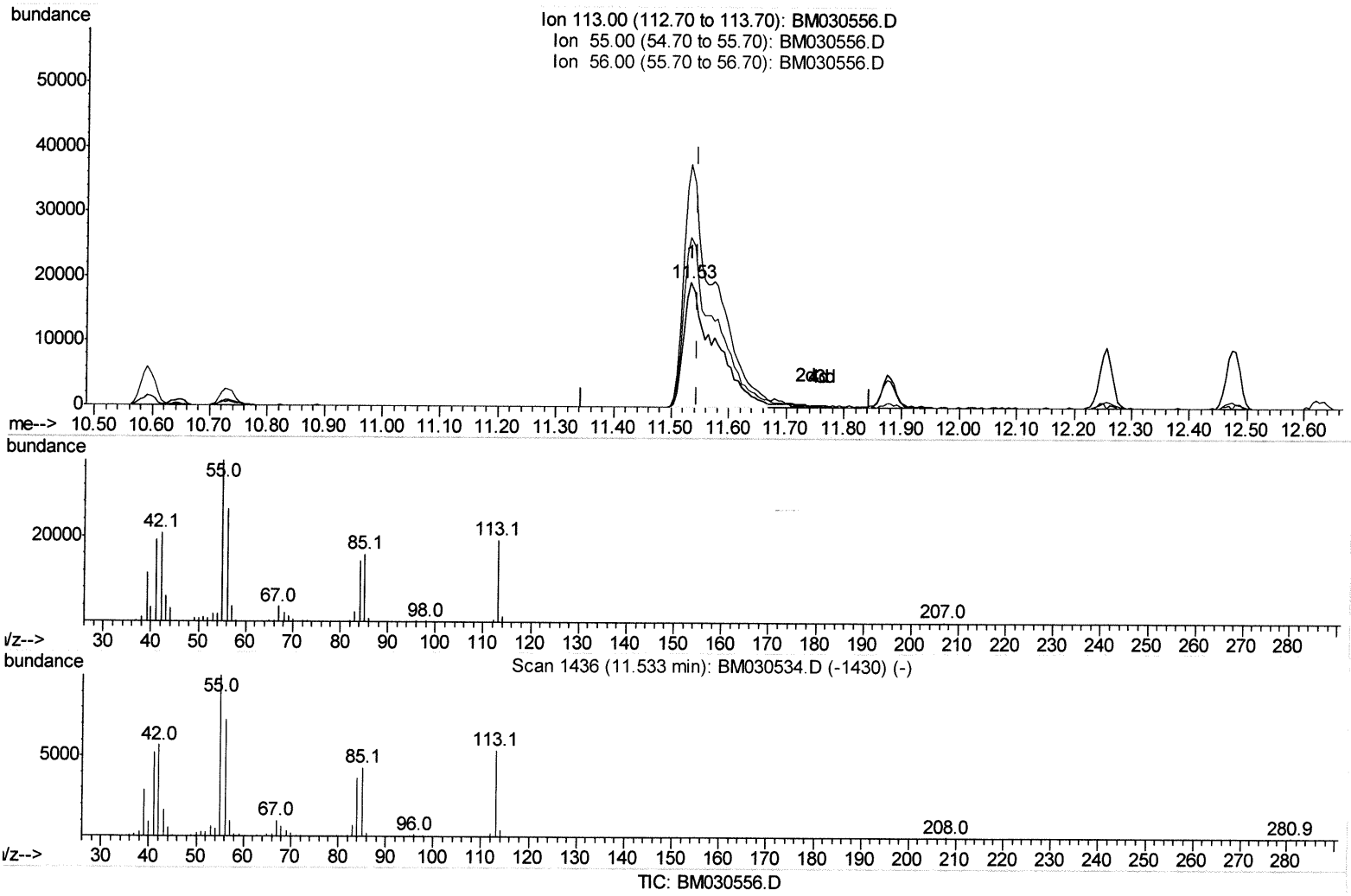

(34) Caprolactam

11.533min (-0.012) 21.43ng/ul m JU 6/25/21

response 72689

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	195.22
56.00	127.40	137.01
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	7.80	152	181925	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	767709	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	502344	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	1017703	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	832794	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	725126	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	34697	7.73	ng/uL	0.00
4) Pyridine-d5	3.70	84	227822	18.90	ng/ul	0.00
7) Phenol-d5	6.97	99	307849	19.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	192238	19.49	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	246496	20.35	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	247206	20.25	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	116806	20.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	128599	20.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	259640	21.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	340065	20.00	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	722828	20.84	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	943596	20.96	ng/ul	0.00
54) 4-Nitrophenol-d4	14.63	143	126251	19.21	ng/ul	0.00
60) Fluorene-d10	15.43	176	632471	20.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	102326	15.37	ng/ul	0.00
73) Anthracene-d10	17.27	188	965100	20.32	ng/ul	0.00
81) Pyrene-d10	19.56	212	988187	22.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	798086	21.17	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	35528	7.444	ng/uL	95
5) Pyridine	3.72	79	235733	18.163	ng/ul	98
6) Benzaldehyde	6.95	77	192295	25.206	ng/ul	94
8) Phenol	7.00	94	311338	19.625	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	246620	19.724	ng/ul	100
12) 2-Chlorophenol	7.37	128	249803	20.468	ng/ul	99
13) 2-Methylphenol	8.25	108	232498	20.224	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.33	45	396106	19.985	ng/ul	100
16) Acetophenone	8.63	105	388672	20.613	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.61	70	204433	21.919	ng/ul	99
18) 4-Methylphenol	8.57	108	252188	20.143	ng/ul	95
19) Hexachloroethane	8.88	117	102811	20.105	ng/ul	94
22) Nitrobenzene	9.00	77	297785	20.605	ng/ul	100
23) Isophorone	9.53	82	532129	21.263	ng/ul	98
25) 2-Nitrophenol	9.71	139	140737	20.819	ng/ul	97
26) 2,4-Dimethylphenol	9.77	107	280831	20.554	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.00	93	333222	20.466	ng/ul	99
29) 2,4-Dichlorophenol	10.25	162	246523	21.100	ng/ul	99
30) Naphthalene	10.65	128	787117	20.250	ng/ul	100
32) 4-Chloroaniline	10.76	127	351556	20.821	ng/ul	98
33) Hexachlorobutadiene	10.93	225	161461	20.438	ng/ul	98
34) Caprolactam	11.53	113	72689m	21.434	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.87	107	252807	22.036 ng/ul	99
36) 2-Methylnaphthalene	12.26	142	582441	21.473 ng/ul	99
37) 1-Methylnaphthalene	12.47	142	569048	20.726 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	319782	20.404 ng/ul	98
40) Hexachlorocyclopentadiene	12.60	237	140618	13.750 ng/ul	97
41) 2,4,6-Trichlorophenol	12.87	196	206712	20.943 ng/ul	99
42) 2,4,5-Trichlorophenol	12.94	196	222266	21.100 ng/ul	99
43) 1,1'-Biphenyl	13.27	154	749084	20.205 ng/ul	99
44) 2-Chloronaphthalene	13.31	162	588493	20.190 ng/ul	99
45) 2-Nitroaniline	13.52	65	172087	21.969 ng/ul	100
47) Dimethylphthalate	13.89	163	711740	20.943 ng/ul	99
48) 2,6-Dinitrotoluene	14.02	165	147345	22.502 ng/ul	93
50) Acenaphthylene	14.16	152	898743	21.520 ng/ul	100
51) 3-Nitroaniline	14.34	138	160096	22.951 ng/ul	97
52) Acenaphthene	14.50	153	623190	20.561 ng/ul	98
53) 2,4-Dinitrophenol	14.55	184	115011	26.718 ng/ul	95
55) 4-Nitrophenol	14.65	109	115704	22.009 ng/ul	98
56) Dibenzofuran	14.83	168	869281	20.573 ng/ul	99
57) 2,4-Dinitrotoluene	14.80	165	211237	23.040 ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.06	232	187088	21.940 ng/ul#	100
59) Diethylphthalate	15.26	149	724946	22.206 ng/ul	99
61) Fluorene	15.49	166	730083	20.966 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.47	204	371396	21.416 ng/ul	99
63) 4-Nitroaniline	15.50	138	165855	24.969 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.56	198	101276	15.630 ng/ul	96
67) N-Nitrosodiphenylamine	15.69	169	633837	20.897 ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	219843	21.171 ng/ul	98
69) Hexachlorobenzene	16.49	284	249598	20.780 ng/ul	99
70) Atrazine	16.64	200	216910	20.162 ng/ul	97
71) Pentachlorophenol	16.83	266	138128	18.352 ng/ul	97
72) Phenanthrene	17.22	178	1129045	20.659 ng/ul	99
74) Anthracene	17.31	178	1166453	20.874 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.23	216	331387	20.416 ng/uL	99
76) Pentachlorobenzene	14.76	250	300027	19.404 ng/uL	98
77) Carbazole	17.57	167	1014874	20.254 ng/ul	100
78) Di-n-butylphthalate	18.14	149	1209604	23.690 ng/ul	100
80) Fluoranthene	19.23	202	1244069	23.343 ng/ul	98
82) Pyrene	19.59	202	1272182	22.718 ng/ul	98
83) Butylbenzylphthalate	20.49	149	499957	27.123 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	341113	20.779 ng/ul	98
85) Benzo(a)anthracene	21.33	228	1077092	20.841 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.26	149	735100	27.727 ng/ul	99
87) Chrysene	21.38	228	1028975	20.423 ng/ul	99
89) Di-n-octyl phthalate	22.14	149	1150121	27.572 ng/ul	100
90) Benzo(b)fluoranthene	22.93	252	948102	20.594 ng/ul	100
91) Benzo(k)fluoranthene	22.97	252	945950	21.381 ng/ul	99
93) Benzo(a)pyrene	23.51	252	842953	20.364 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.91	276	1080969	20.743 ng/ul	97
95) Dibenzo(a,h)anthracene	25.93	278	898593	20.800 ng/ul	98
96) Benzo(g,h,i)perylene	26.62	276	881557	20.276 ng/ul	98

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

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