Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062221\
Data File : BM030519.D
Acq On : 22 Jun 2021 17:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 22 18:10:07 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 :
SSTDCCC020

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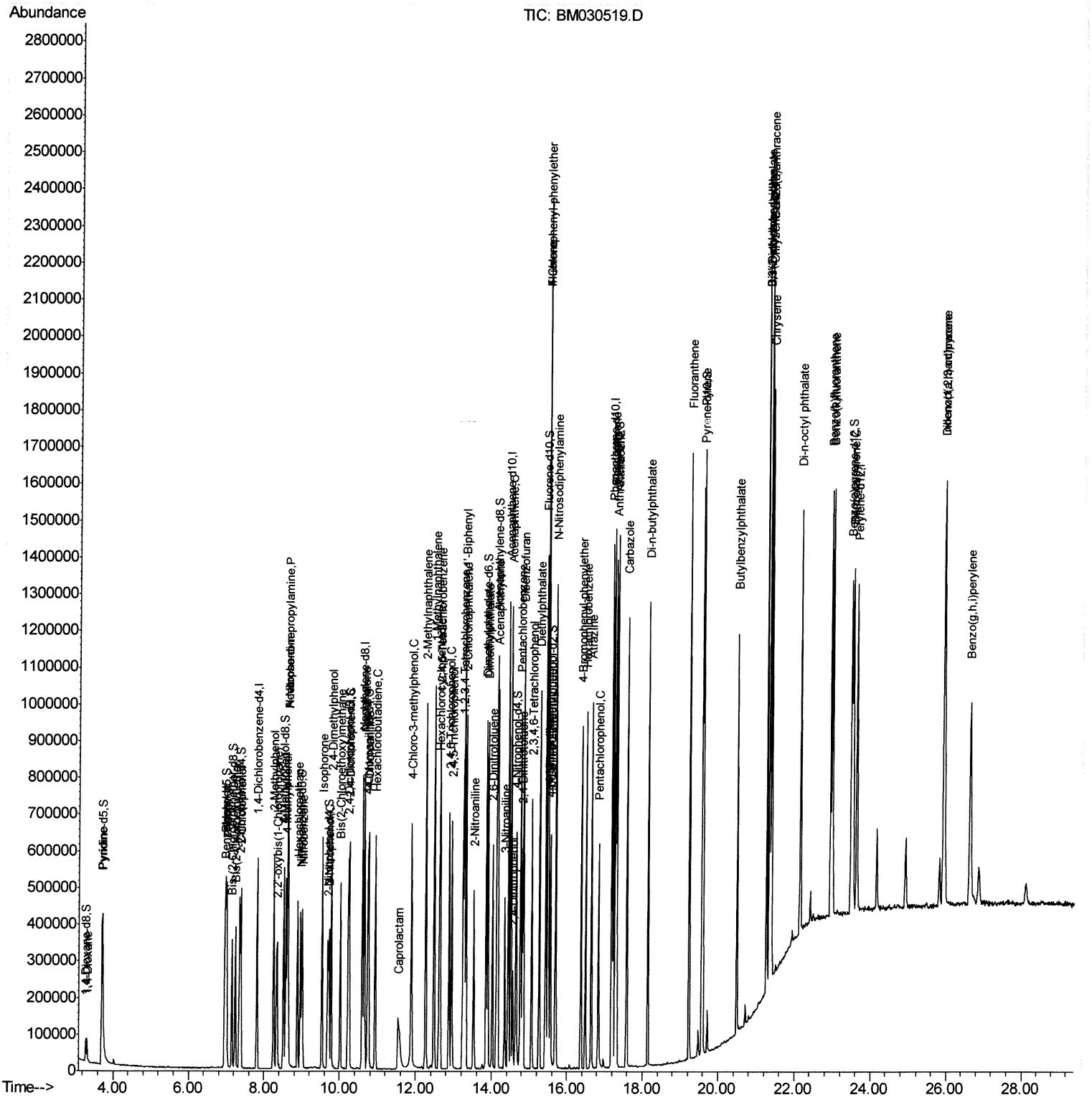

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Quant Time: Jun 22 18:08:52 2021
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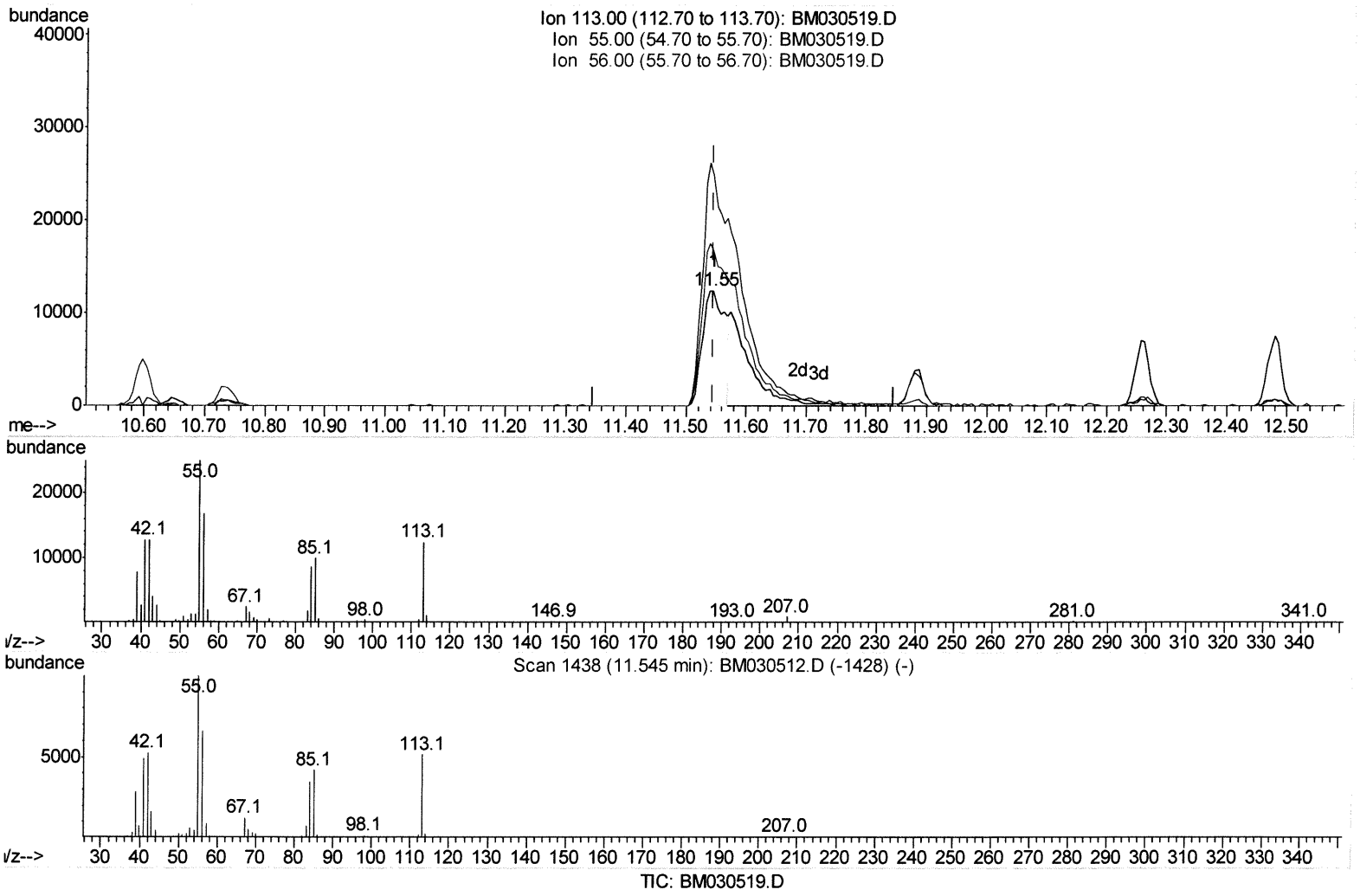

(34) Caprolactam

11.545min (-0.000) 11.24ng/ul

response 31847

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	200.82
56.00	127.40	134.78
0.00	0.00	0.00

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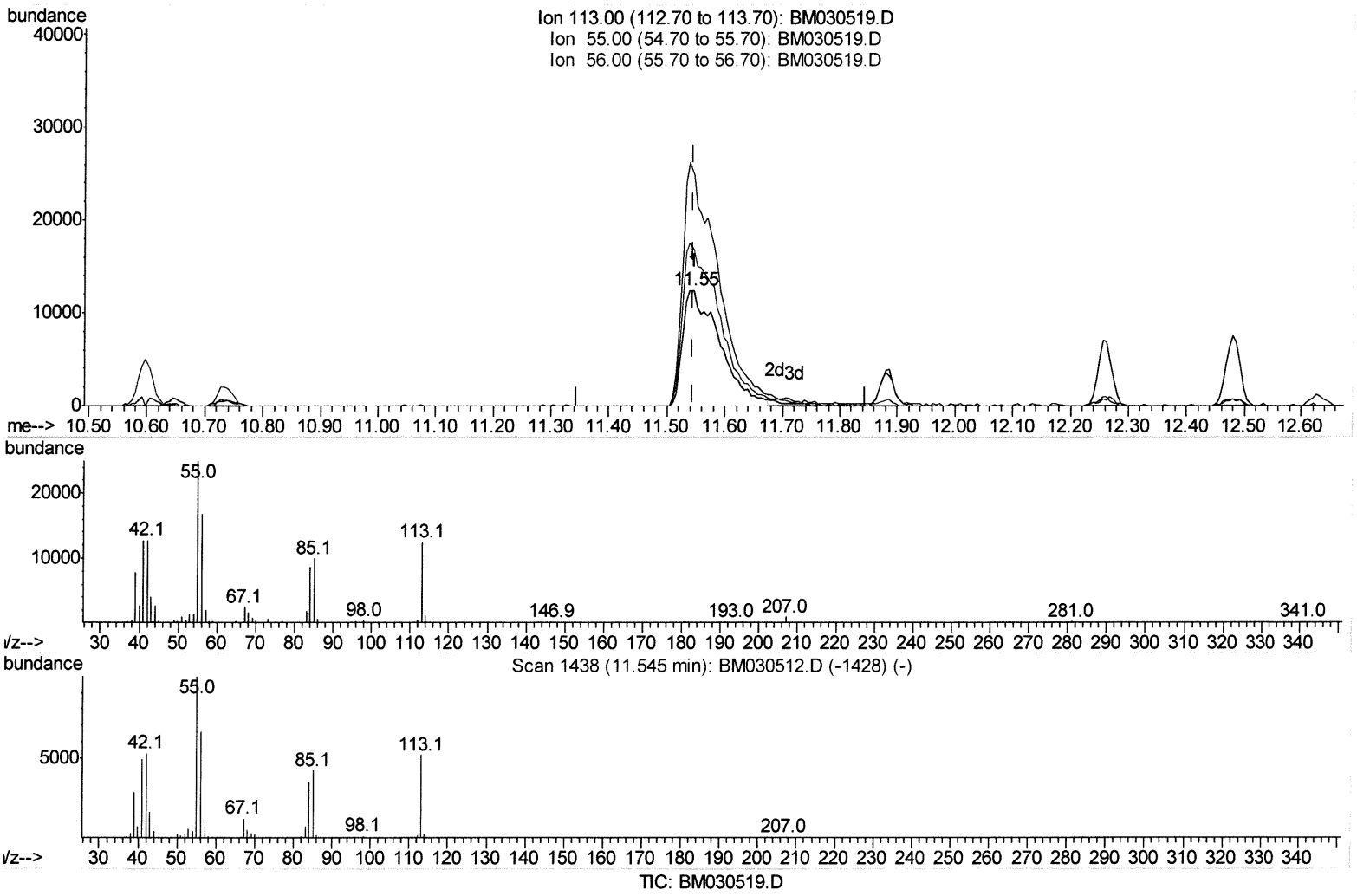

(34) Caprolactam

11.545min (-0.000) 19.30ng/ul m JG 6/28/21

response 54688

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	200.82
56.00	127.40	134.78
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	7.81	152	147553	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	641380	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	423470	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.18	188	832952	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	669325	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	602997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	28677	7.88	ng/uL	0.00
4) Pyridine-d5	3.70	84	184390	18.86	ng/ul	0.00
7) Phenol-d5	6.97	99	244558	19.22	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.15	67	161527	20.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	199178	20.28	ng/ul	0.00
15) 4-Methylphenol-d8	8.52	113	197731	19.97	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	94131	19.67	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	102929	19.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	206978	20.31	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	280401	19.73	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	592715	20.27	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	747100	19.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	100151	18.08	ng/ul	0.00
60) Fluorene-d10	15.43	176	522015	20.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	92056	16.89	ng/ul	0.00
73) Anthracene-d10	17.28	188	775874	19.96	ng/ul	0.00
81) Pyrene-d10	19.57	212	767994	21.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	622735	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	29187	7.540	ng/uL	96
5) Pyridine	3.72	79	196774	18.694	ng/ul	97
6) Benzaldehyde	6.96	77	124416	20.108	ng/ul	95
8) Phenol	7.00	94	247763	19.255	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	203218	20.039	ng/ul	98
12) 2-Chlorophenol	7.37	128	200837	20.290	ng/ul	99
13) 2-Methylphenol	8.25	108	184737	19.813	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.34	45	331873	20.645	ng/ul	99
16) Acetophenone	8.63	105	311910	20.396	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.62	70	165295	21.852	ng/ul	98
18) 4-Methylphenol	8.57	108	203125	20.004	ng/ul	91
19) Hexachloroethane	8.89	117	83867	20.221	ng/ul	96
22) Nitrobenzene	9.01	77	238465	19.751	ng/ul	100
23) Isophorone	9.53	82	431553	20.641	ng/ul	99
25) 2-Nitrophenol	9.72	139	112548	19.929	ng/ul	98
26) 2,4-Dimethylphenol	9.77	107	228271	19.998	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.01	93	277352	20.389	ng/ul	99
29) 2,4-Dichlorophenol	10.25	162	196185	20.098	ng/ul	98
30) Naphthalene	10.65	128	639850	19.704	ng/ul	100
32) 4-Chloroaniline	10.76	127	277610	19.680	ng/ul	99
33) Hexachlorobutadiene	10.93	225	131573	19.935	ng/ul	98
34) Caprolactam	11.55	113	54688m)	19.303	ng/ul	> JU 6/23/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.88	107	202005	21.076	ng/ul	98
36) 2-Methylnaphthalene	12.26	142	467053	20.610	ng/ul	98
37) 1-Methylnaphthalene	12.48	142	470935	20.531	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	254650	19.275	ng/ul	100
40) Hexachlorocyclopentadiene	12.61	237	148325	17.205	ng/ul	98
41) 2,4,6-Trichlorophenol	12.87	196	161458	19.405	ng/ul	98
42) 2,4,5-Trichlorophenol	12.95	196	174857	19.691	ng/ul	99
43) 1,1'-Biphenyl	13.27	154	607777	19.447	ng/ul	99
44) 2-Chloronaphthalene	13.32	162	473733	19.280	ng/ul	99
45) 2-Nitroaniline	13.52	65	131167	19.864	ng/ul	98
47) Dimethylphthalate	13.90	163	580349	20.257	ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	113607	20.581	ng/ul	97
50) Acenaphthylene	14.16	152	696090	19.772	ng/ul	99
51) 3-Nitroaniline	14.34	138	109229	18.576	ng/ul	94
52) Acenaphthene	14.50	153	504997	19.765	ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	57400	15.818	ng/ul	96
55) 4-Nitrophenol	14.65	109	81370	18.361	ng/ul	98
56) Dibenzofuran	14.84	168	713529	20.032	ng/ul	99
57) 2,4-Dinitrotoluene	14.80	165	160498	20.766	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	145825	20.286	ng/ul	98
59) Diethylphthalate	15.26	149	572920	20.818	ng/ul	99
61) Fluorene	15.49	166	587215	20.004	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.48	204	296048	20.251	ng/ul	98
63) 4-Nitroaniline	15.51	138	105755	18.886	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.57	198	91247	17.206	ng/ul	99
67) N-Nitrosodiphenylamine	15.69	169	492591	19.842	ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	171613	20.192	ng/ul	99
69) Hexachlorobenzene	16.49	284	195874	19.924	ng/ul	97
70) Atrazine	16.64	200	168712	19.161	ng/ul	98
71) Pentachlorophenol	16.83	266	109068	17.705	ng/ul	99
72) Phenanthrene	17.22	178	883238	19.746	ng/ul	99
74) Anthracene	17.32	178	910412	19.906	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.24	216	248960	18.740	ng/uL	98
76) Pentachlorobenzene	14.76	250	244901	19.352	ng/uL	100
77) Carbazole	17.58	167	759456	18.518	ng/ul	100
78) Di-n-butylphthalate	18.14	149	849549	20.329	ng/ul	100
80) Fluoranthene	19.23	202	950213	22.184	ng/ul	98
82) Pyrene	19.59	202	973637	21.633	ng/ul	99
83) Butylbenzylphthalate	20.49	149	309461	20.888	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.27	252	237873	18.029	ng/ul	99
85) Benzo(a)anthracene	21.33	228	826183	19.890	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	422859	19.845	ng/ul	98
87) Chrysene	21.39	228	807904	19.952	ng/ul	99
89) Di-n-octyl phthalate	22.14	149	678406	19.558	ng/ul	100
90) Benzo(b)fluoranthene	22.93	252	771128	20.143	ng/ul	99
91) Benzo(k)fluoranthene	22.98	252	753311	20.475	ng/ul	100
93) Benzo(a)pyrene	23.52	252	692824	20.127	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.92	276	828173	19.111	ng/ul	98
95) Dibenzo(a,h)anthracene	25.93	278	680088	18.931	ng/ul	99
96) Benzo(g,h,i)perylene	26.63	276	684182	18.923	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