Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030700.D
Acq On : 30 Jun 2021 11:58
Operator : CG/JU
Sample : PB137399BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 30 12:32:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 30 12:31:14 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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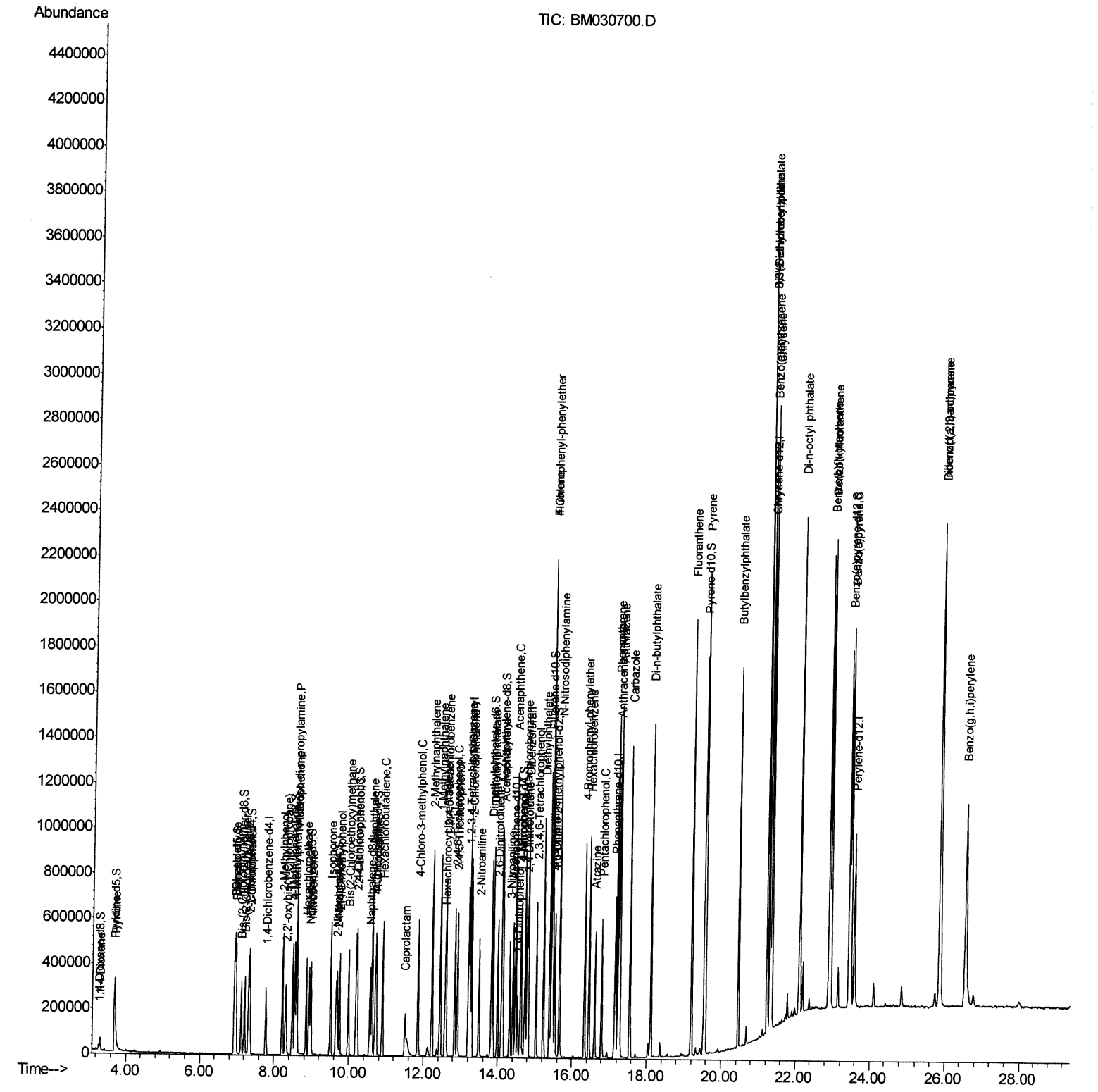

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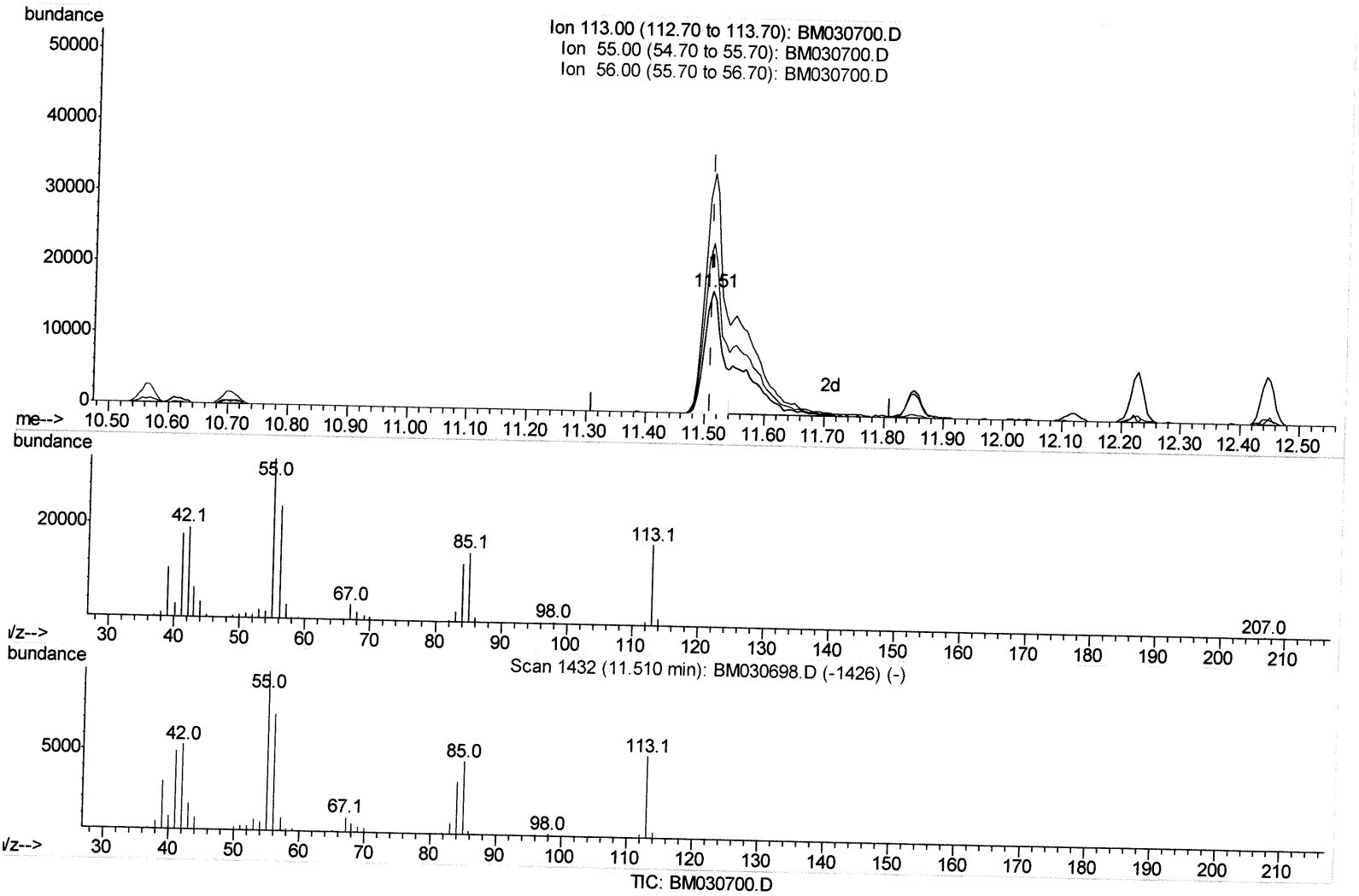

(34) Caprolactam

11.510min (-0.000) 25.30ng/ul

response 34927

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	196.47
56.00	127.40	138.95
0.00	0.00	0.00

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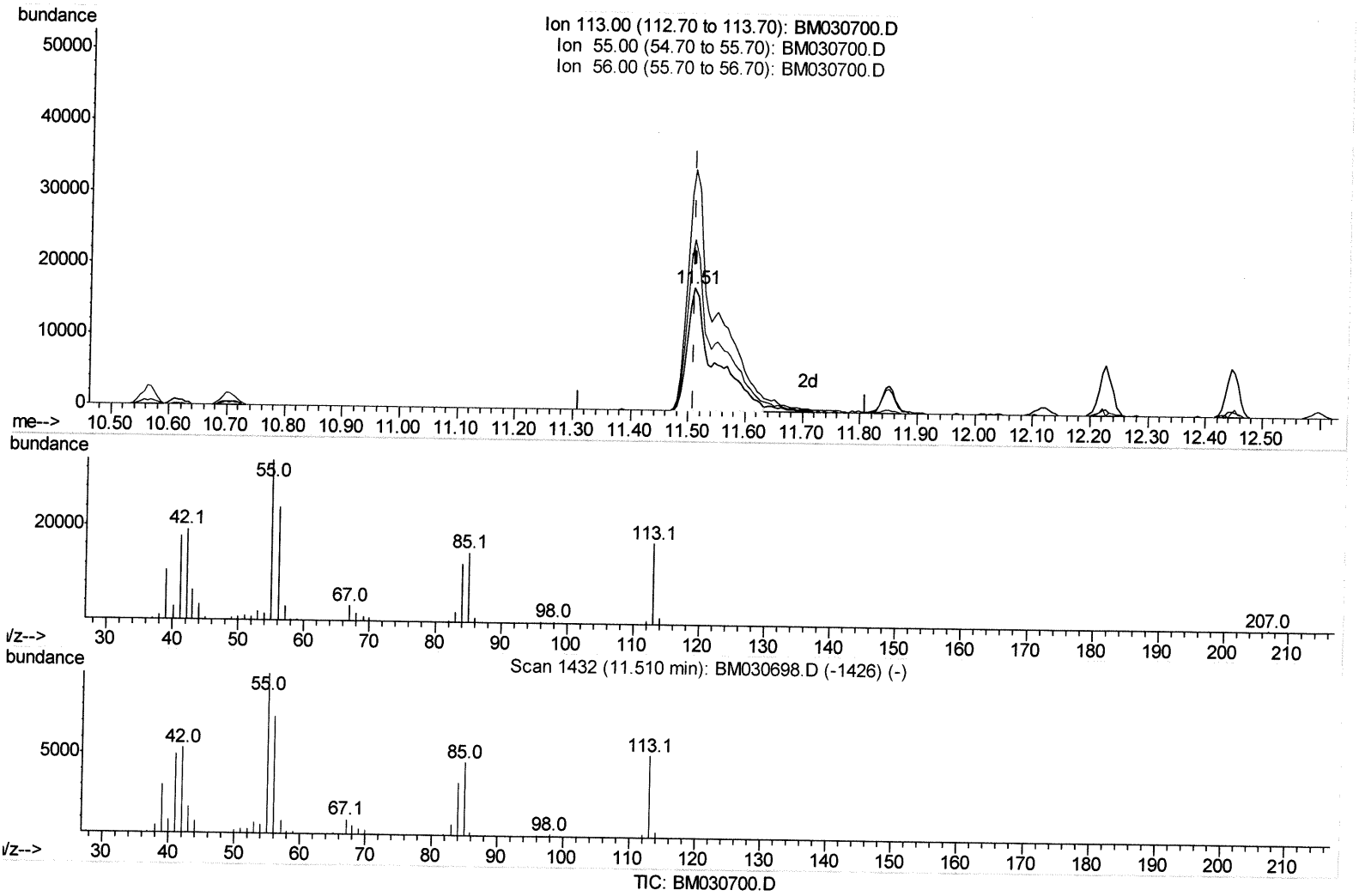

(34) Caprolactam

11.510min (-0.000) 41.37ng/ul m

response 57106

JU 07/01/21

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	196.47
56.00	127.40	138.95
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	7.78	152	76104	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	312463	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.41	164	195943	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	420201	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	513998	20.00	ng/ul	0.00
88) Perylene-d12	23.57	264	498111	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	12118	6.46	ng/uL	0.00
4) Pyridine-d5	3.68	84	146222	28.99	ng/ul	0.00
7) Phenol-d5	6.95	99	226799	34.55	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.12	67	143540	34.79	ng/ul	0.00
11) 2-Chlorophenol-d4	7.32	132	184349	36.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.49	113	177630	34.78	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	87218	37.41	ng/ul	0.00
24) 2-Nitrophenol-d4	9.66	143	97269	37.54	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	185994	37.47	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	225314	32.55	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	554057	40.95	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	690547	39.32	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	103543	40.40	ng/ul	0.00
60) Fluorene-d10	15.40	176	486085	40.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	88135	32.06	ng/ul	0.00
73) Anthracene-d10	17.24	188	729857	37.22	ng/ul	0.00
81) Pyrene-d10	19.53	212	907530	33.70	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	1088779	42.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	30179	15.116	ng/uL	93
5) Pyridine	3.70	79	168850	31.100	ng/ul	97
6) Benzaldehyde	6.93	77	135190	42.361	ng/ul	93
8) Phenol	6.97	94	236110	35.577	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.21	93	179882	34.390	ng/ul	98
12) 2-Chlorophenol	7.35	128	184656	36.169	ng/ul	97
13) 2-Methylphenol	8.22	108	168330	35.002	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.31	45	294360	35.502	ng/ul	99
16) Acetophenone	8.60	105	284896	36.119	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.59	70	146186	37.469	ng/ul	97
18) 4-Methylphenol	8.55	108	185764	35.469	ng/ul	94
19) Hexachloroethane	8.85	117	76263	35.650	ng/ul	96
22) Nitrobenzene	8.98	77	219230	37.271	ng/ul	100
23) Isophorone	9.50	82	399567	39.228	ng/ul	99
25) 2-Nitrophenol	9.69	139	104701	38.055	ng/ul	98
26) 2,4-Dimethylphenol	9.75	107	147414	26.509	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.98	93	243896	36.804	ng/ul	100
29) 2,4-Dichlorophenol	10.22	162	179804	37.811	ng/ul	98
30) Naphthalene	10.62	128	571532	36.127	ng/ul	100
32) 4-Chloroaniline	10.73	127	221714	32.263	ng/ul	100
33) Hexachlorobutadiene	10.90	225	117780	36.630	ng/ul	99
34) Caprolactam	11.51	113	57106m	41.374	ng/ul	

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.85	107	192661	41.261 ng/ul	99
36) 2-Methylnaphthalene	12.23	142	414598	37.555 ng/ul	99
37) 1-Methylnaphthalene	12.44	142	400480	35.838 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	228640	37.401 ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	92986	23.310 ng/ul	98
41) 2,4,6-Trichlorophenol	12.84	196	145777	37.865 ng/ul	97
42) 2,4,5-Trichlorophenol	12.91	196	162304	39.501 ng/ul	99
43) 1,1'-Biphenyl	13.24	154	544979	37.686 ng/ul	99
44) 2-Chloronaphthalene	13.29	162	431466	37.951 ng/ul	99
45) 2-Nitroaniline	13.49	65	136177	44.570 ng/ul	98
47) Dimethylphthalate	13.87	163	563947	42.542 ng/ul	99
48) 2,6-Dinitrotoluene	13.99	165	116772	45.719 ng/ul	96
50) Acenaphthylene	14.13	152	633226	38.872 ng/ul	99
51) 3-Nitroaniline	14.32	138	119647	43.974 ng/ul	97
52) Acenaphthene	14.47	153	470063	39.761 ng/ul	100
53) 2,4-Dinitrophenol	14.53	184	53762	32.019 ng/ul	99
55) 4-Nitrophenol	14.63	109	90971	44.364 ng/ul	98
56) Dibenzofuran	14.81	168	667169	40.481 ng/ul	99
57) 2,4-Dinitrotoluene	14.78	165	169327	47.348 ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.03	232	132710	39.899 ng/ul	98
59) Diethylphthalate	15.23	149	579332	45.494 ng/ul	98
61) Fluorene	15.46	166	565448	41.630 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.45	204	286964	42.423 ng/ul	97
63) 4-Nitroaniline	15.48	138	133478	51.517 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.54	198	87125	32.566 ng/ul	96
67) N-Nitrosodiphenylamine	15.66	169	481928	38.482 ng/ul	99
68) 4-Bromophenyl-phenylether	16.34	248	172294	40.184 ng/ul	98
69) Hexachlorobenzene	16.46	284	203337	41.000 ng/ul	98
70) Atrazine	16.62	200	96215	21.660 ng/ul	98
71) Pentachlorophenol	16.80	266	105305	33.885 ng/ul	98
72) Phenanthrene	17.19	178	904501	40.083 ng/ul	100
74) Anthracene	17.28	178	894109	38.752 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.21	216	226469	33.791 ng/uL	100
76) Pentachlorobenzene	14.73	250	224482	35.162 ng/uL	99
77) Carbazole	17.55	167	835516	40.384 ng/ul	99
78) Di-n-butylphthalate	18.11	149	1035247	49.106 ng/ul	99
80) Fluoranthene	19.20	202	1127016	34.263 ng/ul	98
82) Pyrene	19.56	202	1187486	34.358 ng/ul	100
83) Butylbenzylphthalate	20.46	149	505620	44.443 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.24	252	401006	39.578 ng/ul	97
85) Benzo(a)anthracene	21.30	228	1268273	39.760 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.23	149	791051	48.343 ng/ul	99
87) Chrysene	21.36	228	1244048	40.006 ng/ul	98
89) Di-n-octyl phthalate	22.11	149	1387935	48.438 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	1403664	44.386 ng/ul	99
91) Benzo(k)fluoranthene	22.94	252	1318892	43.396 ng/ul	99
93) Benzo(a)pyrene	23.48	252	1197067	42.098 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.86	276	1475649	41.222 ng/ul	99
95) Dibenzo(a,h)anthracene	25.87	278	1259787	42.452 ng/ul	99
96) Benzo(g,h,i)perylene	26.56	276	1172700	39.264 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