Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081321\
Data File : BP006671.D
Acq On : 13 Aug 2021 12:14
Operator : CG/JU
Sample : M2250-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 12:45:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 13 10:35:04 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2021-05

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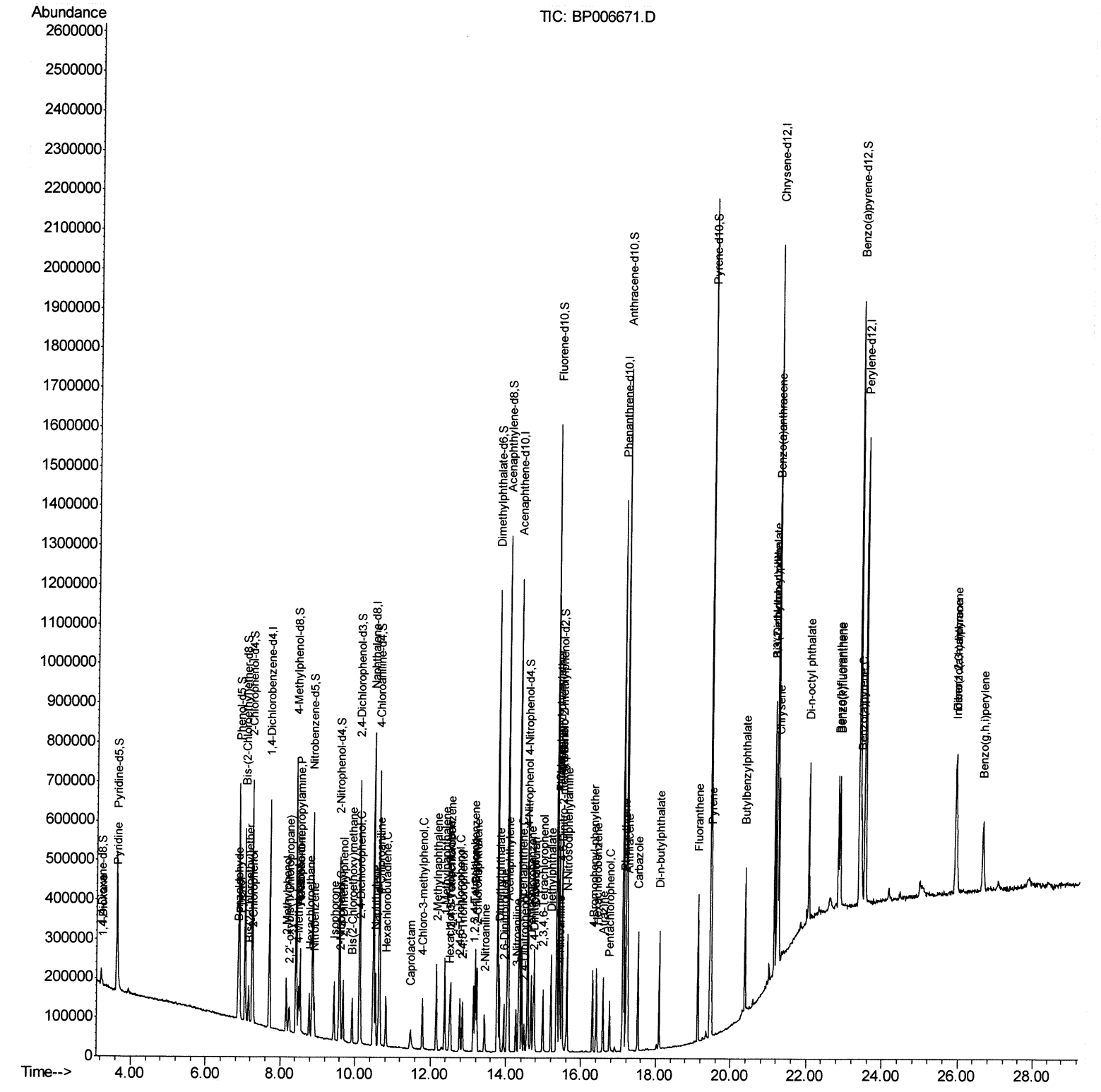

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Quant Time: Aug 13 12:44:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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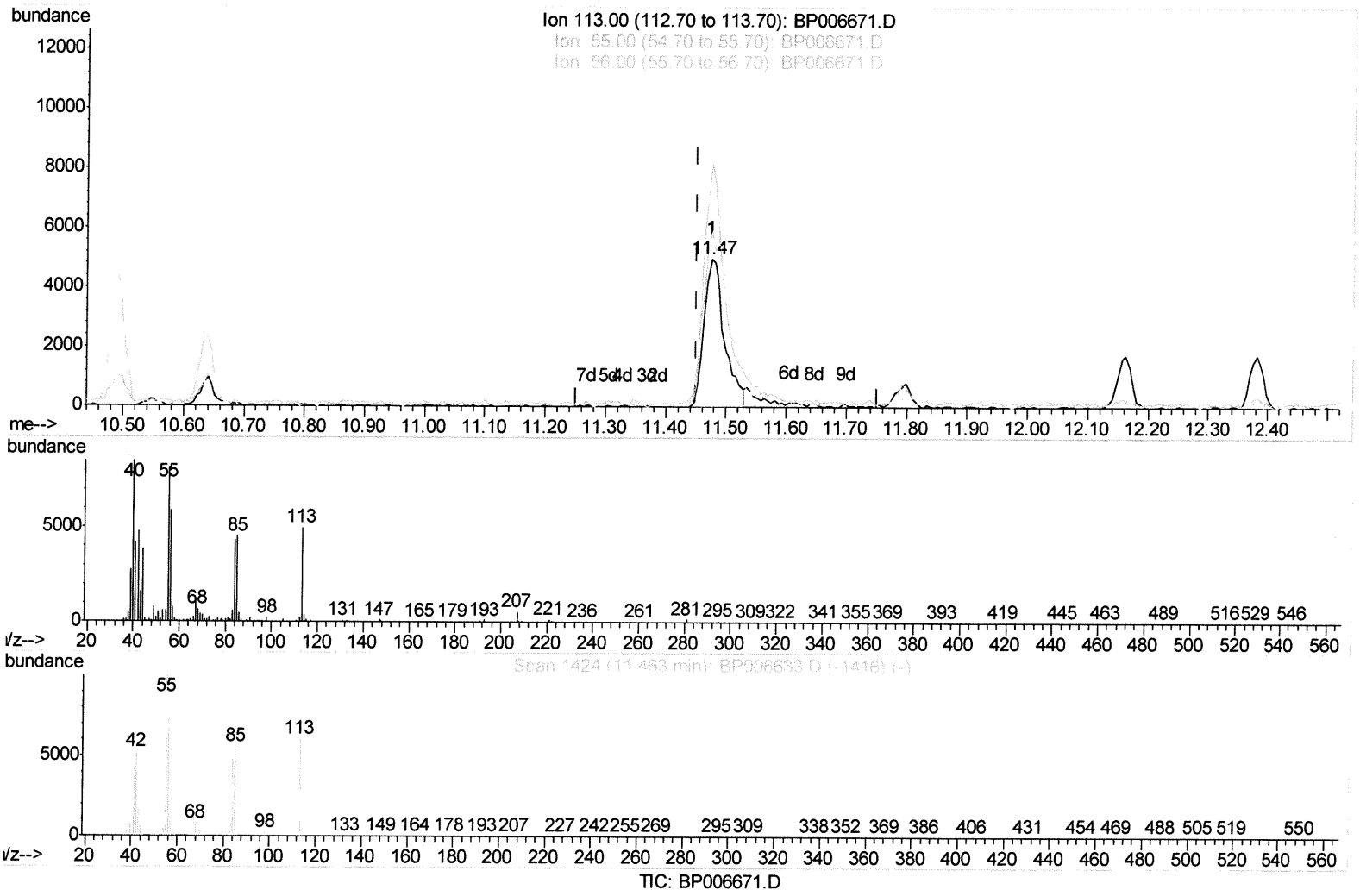

TIC: BP006671.D

(34) Caprolactam

11.475min (+0.023) 3.24ng/ul

response 11619

Ion	Exp%	Act%
113.00	100	100
55.00	157.20	163.59
56.00	122.70	118.65
0.00	0.00	0.00

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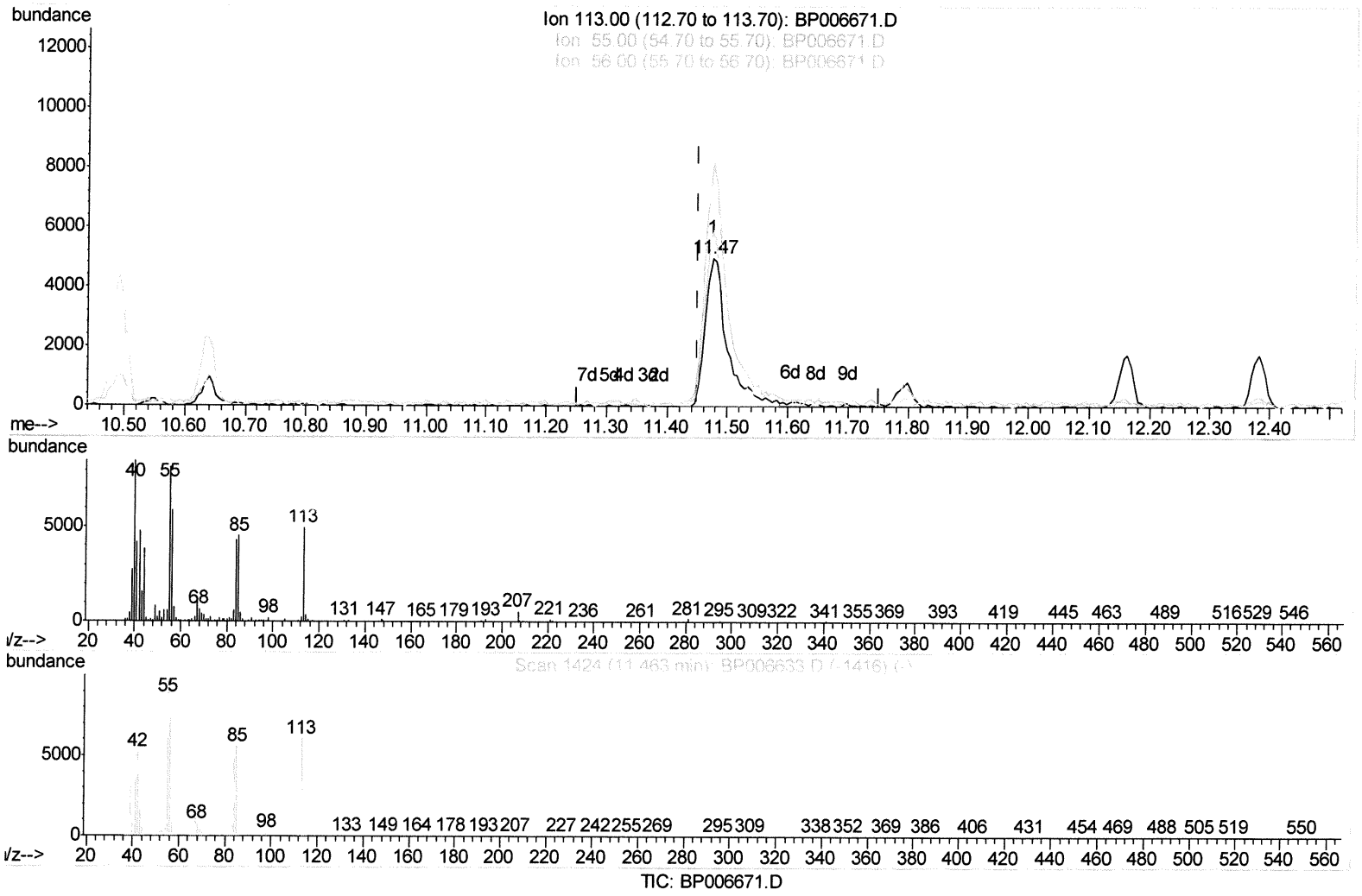

(34) Caprolactam

11.475min (+0.023) 3.58ng/ul m

response 12853

JU 8/16/21

Ion	Exp%	Act%
113.00	100	100
55.00	157.20	163.59
56.00	122.70	118.65
0.00	0.00	0.00

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Misc : SFAM-MDL-WATER-01
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	142998	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	615103	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	360310	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.11	188	728047	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	720206	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	750503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	20891	4.94	ng/uL	0.00
4) Pyridine-d5	3.63	84	211385	17.39	ng/ul	0.00
7) Phenol-d5	6.89	99	319733	22.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	217249	24.59	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	256374	23.95	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	246749	21.49	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	123921	23.73	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	126476	23.15	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	211657	22.93	ng/ul	0.00
31) 4-Chloroaniline-d4	10.64	131	326735	21.78	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	690193	24.98	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	835011	24.64	ng/ul	0.00
54) 4-Nitrophenol-d4	14.56	143	124649	21.60	ng/ul	0.00
60) Fluorene-d10	15.35	176	556336	24.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.47	200	92340	19.19	ng/ul	0.00
73) Anthracene-d10	17.21	188	856669	24.87	ng/ul	0.00
81) Pyrene-d10	19.46	212	915500	24.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	1029929	25.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	5398	1.257	ng/uL#	89
5) Pyridine	3.65	79	50080	3.980	ng/ul#	81
6) Benzaldehyde	6.86	77	40461	5.724	ng/ul	99
8) Phenol	6.92	94	59411	4.047	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.15	93	47148	4.166	ng/ul	96
12) 2-Chlorophenol	7.27	128	45136	4.181	ng/ul	97
13) 2-Methylphenol	8.16	108	41968	3.885	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.25	45	55138	4.170	ng/ul	98
16) Acetophenone	8.53	105	74573	4.125	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.52	70	39705	4.083	ng/ul	99
18) 4-Methylphenol	8.49	108	45734	3.894	ng/ul	100
19) Hexachloroethane	8.78	117	20356	4.333	ng/ul	95
22) Nitrobenzene	8.90	77	60452	4.422	ng/ul	99
23) Isophorone	9.43	82	105068	4.122	ng/ul	100
25) 2-Nitrophenol	9.61	139	23595	4.095	ng/ul	98
26) 2,4-Dimethylphenol	9.68	107	51484	4.159	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.92	93	62312	4.217	ng/ul	98
29) 2,4-Dichlorophenol	10.15	162	37879	4.230	ng/ul	96
30) Naphthalene	10.54	128	143987	4.313	ng/ul	99
32) 4-Chloroaniline	10.66	127	60969	4.141	ng/ul	98
33) Hexachlorobutadiene	10.82	225	23318	4.416	ng/ul	97
34) Caprolactam	11.47	113	12853m	3.585	ng/ul	

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.79	107	44122	3.852 ng/ul	98
36) 2-Methylnaphthalene	12.16	142	96412	4.203 ng/ul	100
37) 1-Methylnaphthalene	12.38	142	95153	4.168 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	42460	4.373 ng/ul	98
40) Hexachlorocyclopentadiene	12.50	237	22652	3.556 ng/ul#	97
41) 2,4,6-Trichlorophenol	12.77	196	25974	3.895 ng/ul	98
42) 2,4,5-Trichlorophenol	12.85	196	27972	3.940 ng/ul	93
43) 1,1'-Biphenyl	13.18	154	120479	4.301 ng/ul	97
44) 2-Chloronaphthalene	13.22	162	91653	4.313 ng/ul	99
45) 2-Nitroaniline	13.43	65	25608	3.342 ng/ul	97
47) Dimethylphthalate	13.82	163	121649	4.451 ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	17373	3.293 ng/ul	95
50) Acenaphthylene	14.07	152	146504	4.422 ng/ul	98
51) 3-Nitroaniline	14.27	138	20925	3.464 ng/ul	97
52) Acenaphthene	14.42	153	100937	4.273 ng/ul	98
53) 2,4-Dinitrophenol	14.47	184	11773	3.451 ng/ul	94
55) 4-Nitrophenol	14.58	109	21915	4.234 ng/ul	95
56) Dibenzofuran	14.75	168	137136	4.341 ng/ul	99
57) 2,4-Dinitrotoluene	14.73	165	28379	3.657 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.98	232	23837	4.045 ng/ul	93
59) Diethylphthalate	15.19	149	125980	4.337 ng/ul	100
61) Fluorene	15.40	166	115707	4.393 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.40	204	52775	4.426 ng/ul	98
63) 4-Nitroaniline	15.43	138	21452	3.792 ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.49	198	17195	3.574 ng/ul#	92
67) N-Nitrosodiphenylamine	15.62	169	97576	4.363 ng/ul	96
68) 4-Bromophenyl-phenylether	16.30	248	29889	4.163 ng/ul	97
69) Hexachlorobenzene	16.40	284	35305	4.351 ng/ul	96
70) Atrazine	16.59	200	28624	3.608 ng/ul	98
71) Pentachlorophenol	16.76	266	18202	3.424 ng/ul	91
72) Phenanthrene	17.15	178	176991	4.303 ng/ul	98
74) Anthracene	17.24	178	182939	4.380 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	40785	4.120 ng/uL	99
76) Pentachlorobenzene	14.67	250	39781	4.078 ng/uL	98
77) Carbazole	17.52	167	161828	4.148 ng/ul	99
78) Di-n-butylphthalate	18.09	149	195279	3.872 ng/ul	98
80) Fluoranthene	19.13	202	192760	4.055 ng/ul	98
82) Pyrene	19.49	202	210463	4.287 ng/ul	97
83) Butylbenzylphthalate	20.37	149	89584	3.691 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.14	252	56316	3.427 ng/ul	96
85) Benzo(a)anthracene	21.20	228	200555	4.275 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.14	149	139574	3.731 ng/ul	98
87) Chrysene	21.25	228	194877	4.309 ng/ul	98
89) Di-n-octyl phthalate	22.04	149	242463	3.737 ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	203105	4.166 ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	196484	4.163 ng/ul	97
93) Benzo(a)pyrene	23.43	252	177974	4.030 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.92	276	239190	4.142 ng/ul	99
95) Dibenzo(a,h)anthracene	25.93	278	202807	4.181 ng/ul	98
96) Benzo(g,h,i)perylene	26.65	276	200400	4.180 ng/ul	97

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

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