Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081321\
Data File : BP006676.D
Acq On : 13 Aug 2021 17:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 18:11:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 13 15:29:50 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
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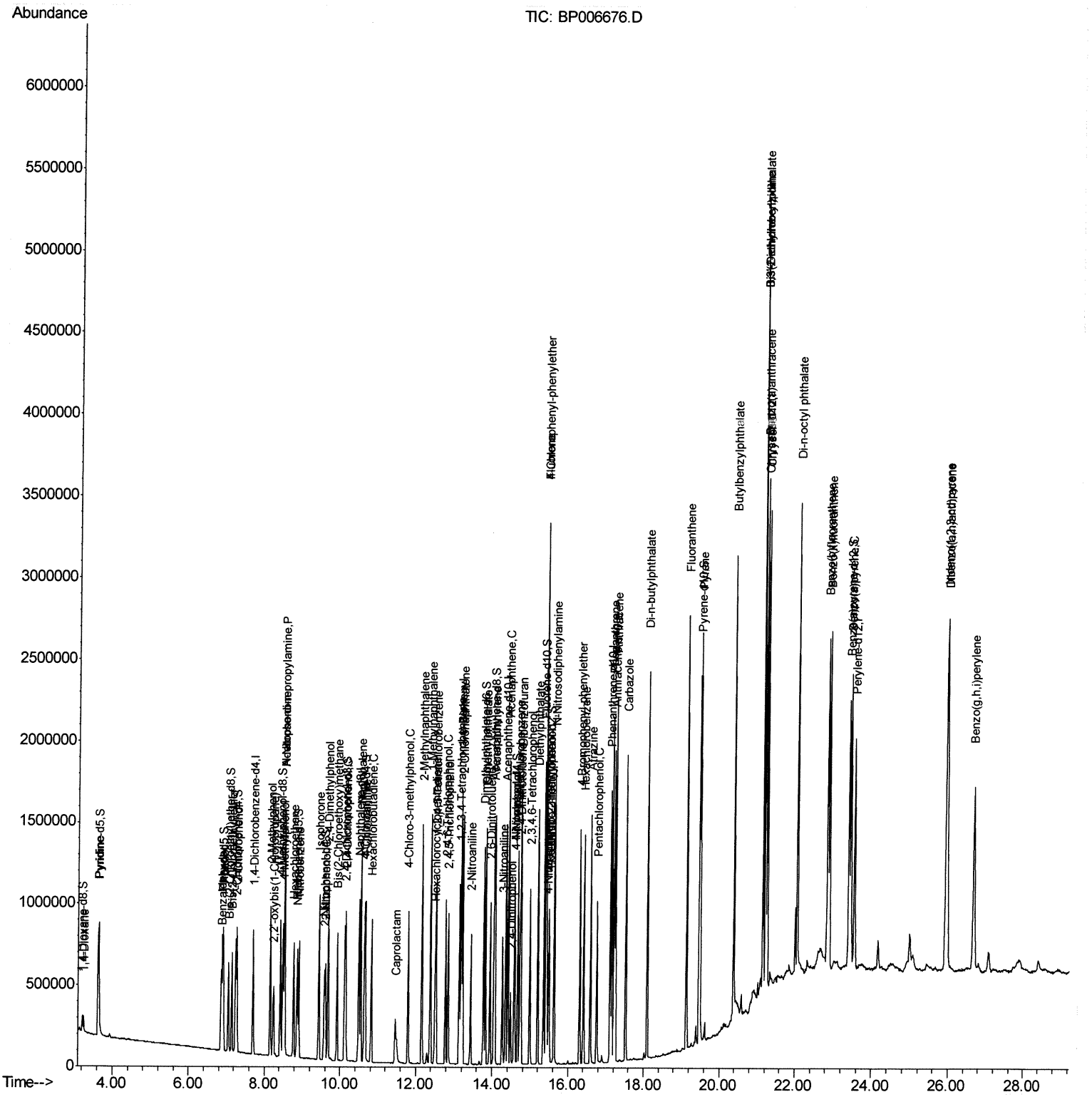

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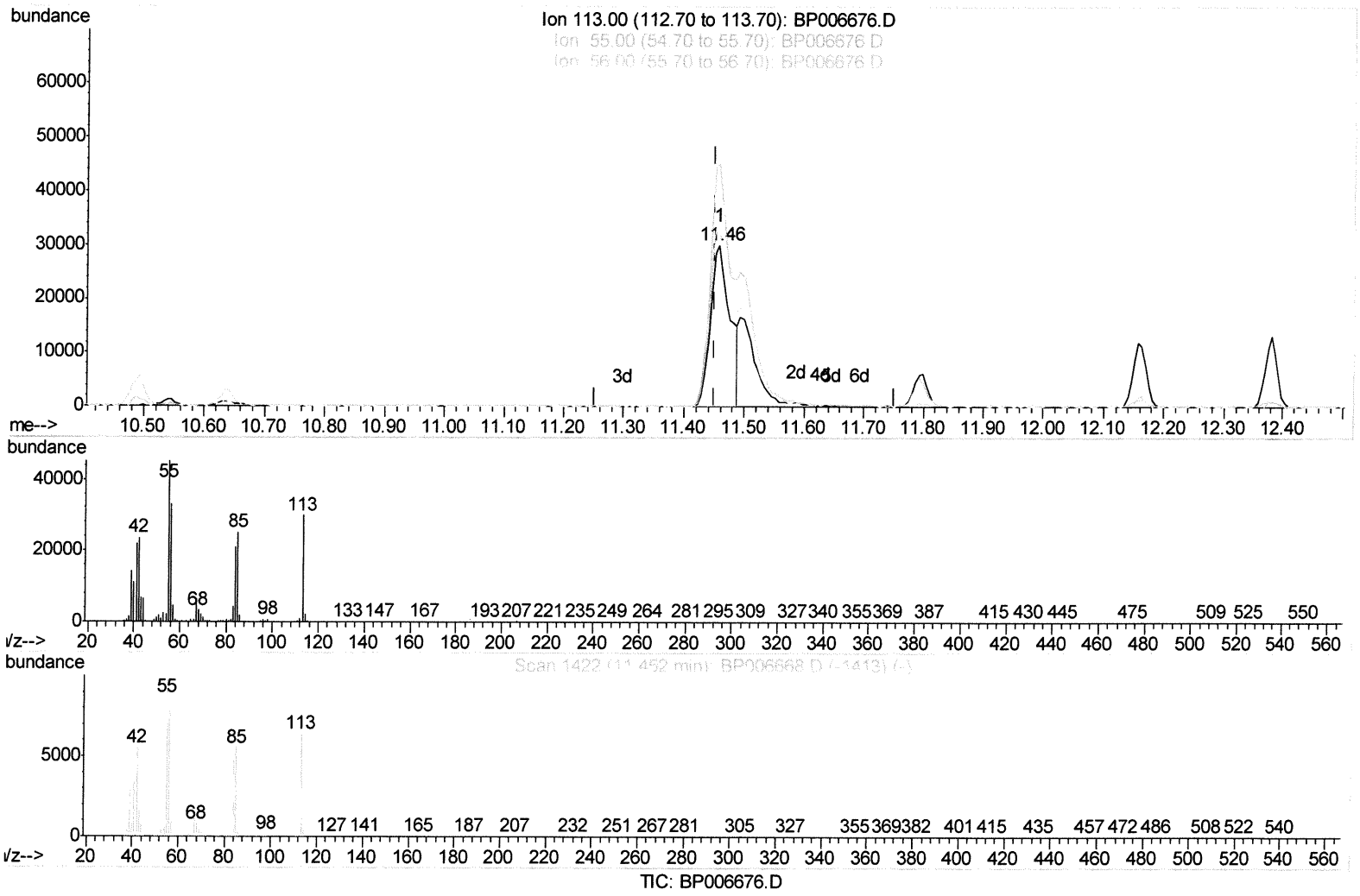

TIC: BP006676.D

(34) Caprolactam

11.457min (+0.006) 14.52ng/ul

response 67503

Ion	Exp%	Act%
113.00	100	100
55.00	157.20	150.56
56.00	122.70	110.41
0.00	0.00	0.00

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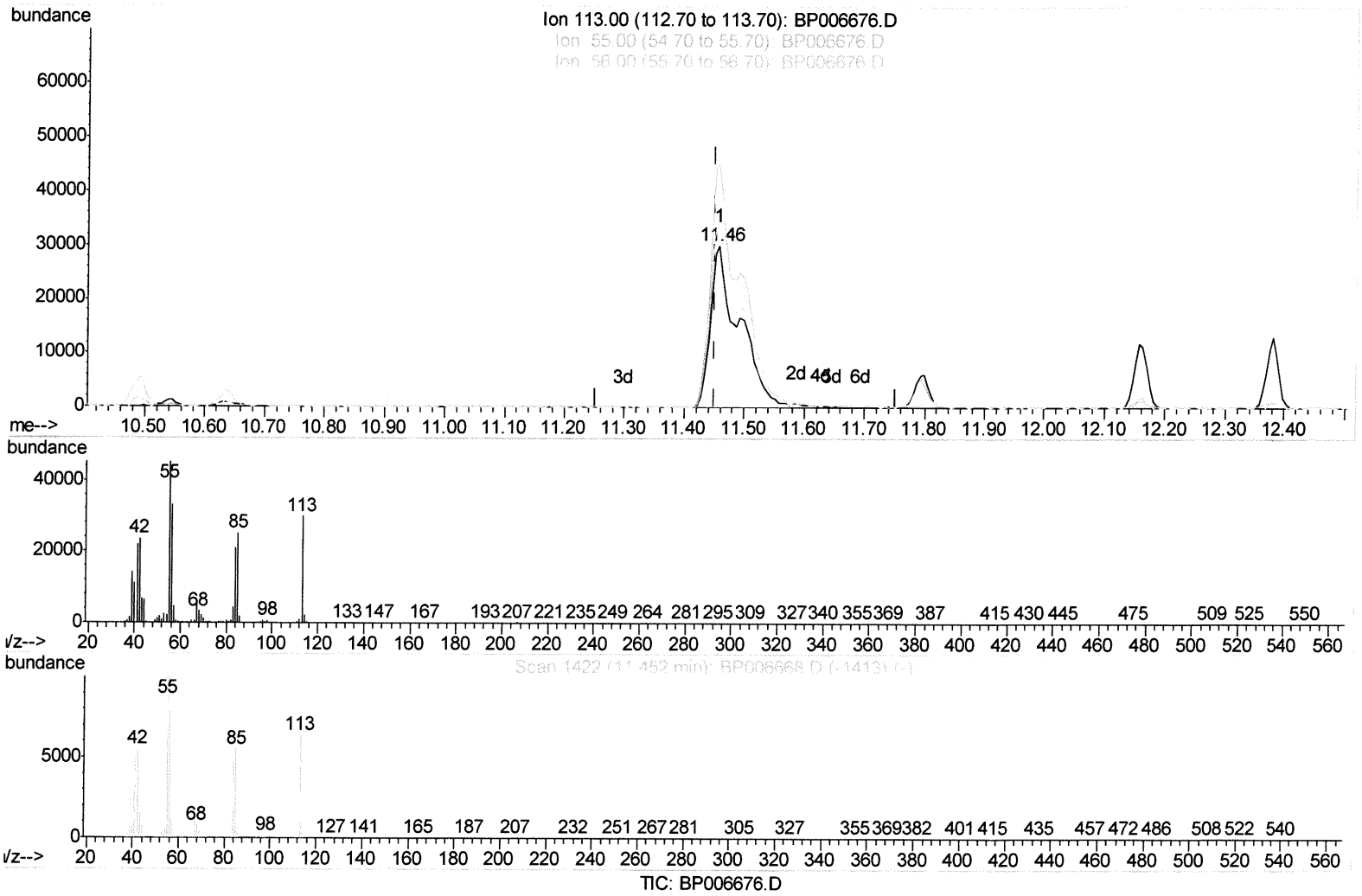

(34) Caprolactam

11.457min (+0.006) 21.50ng/ul m

response 99945

JH 8/16/21

Ion	Exp%	Act%
113.00	100	100
55.00	157.20	150.56
56.00	122.70	110.41
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	7.70	152	185627	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	797409	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	462877	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.11	188	901325	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	845780	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	902215	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	48643	8.86	ng/uL	0.00
4) Pyridine-d5	3.62	84	343308	21.76	ng/ul	0.00
7) Phenol-d5	6.88	99	385241	20.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	243574	21.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	306510	22.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	307598	20.63	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	149472	22.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	155289	21.92	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	269087	22.49	ng/ul	0.00
31) 4-Chloroaniline-d4	10.64	131	420554	21.62	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	780091	21.98	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	942156	21.64	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	154578	20.85	ng/ul	0.00
60) Fluorene-d10	15.35	176	639224	22.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	108049	18.14	ng/ul	0.00
73) Anthracene-d10	17.21	188	960383	22.52	ng/ul	0.00
81) Pyrene-d10	19.46	212	1016913	22.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	1088667	22.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	52582	9.430	ng/uL	99
5) Pyridine	3.64	79	350323	21.450	ng/ul	96
6) Benzaldehyde	6.85	77	177348	19.329	ng/ul	99
8) Phenol	6.91	94	399758	20.976	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.14	93	322112	21.928	ng/ul	98
12) 2-Chlorophenol	7.27	128	313120	22.343	ng/ul	97
13) 2-Methylphenol	8.16	108	294439	20.998	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.24	45	371946	21.671	ng/ul	99
16) Acetophenone	8.53	105	488006	20.794	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.52	70	264624	20.963	ng/ul	98
18) 4-Methylphenol	8.49	108	320485	21.023	ng/ul	100
19) Hexachloroethane	8.77	117	139840	22.930	ng/ul	96
22) Nitrobenzene	8.90	77	406061	22.914	ng/ul	97
23) Isophorone	9.43	82	743010	22.484	ng/ul	99
25) 2-Nitrophenol	9.61	139	169720	22.719	ng/ul	98
26) 2,4-Dimethylphenol	9.68	107	361248	22.510	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.92	93	435645	22.742	ng/ul	99
29) 2,4-Dichlorophenol	10.15	162	264764	22.806	ng/ul	99
30) Naphthalene	10.54	128	1002638	23.168	ng/ul	100
32) 4-Chloroaniline	10.66	127	407970	21.376	ng/ul	100
33) Hexachlorobutadiene	10.82	225	162804	23.785	ng/ul	98
34) Caprolactam	11.46	113	99945m	21.503	ng/ul	

JU 8/16/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.79	107	331770	22.340	ng/ul	99
36) 2-Methylnaphthalene	12.16	142	658600	22.146	ng/ul	100
37) 1-Methylnaphthalene	12.38	142	637532	21.542	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	286577	22.974	ng/ul	98
40) Hexachlorocyclopentadiene	12.50	237	154330	18.858	ng/ul	98
41) 2,4,6-Trichlorophenol	12.78	196	195886	22.866	ng/ul	99
42) 2,4,5-Trichlorophenol	12.85	196	209826	23.005	ng/ul	97
43) 1,1'-Biphenyl	13.18	154	818582	22.748	ng/ul	100
44) 2-Chloronaphthalene	13.22	162	635046	23.261	ng/ul	98
45) 2-Nitroaniline	13.44	65	211264	21.460	ng/ul	95
47) Dimethylphthalate	13.82	163	801010	22.814	ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	155991	23.019	ng/ul	97
50) Acenaphthylene	14.07	152	978654	22.992	ng/ul	99
51) 3-Nitroaniline	14.27	138	164609	21.211	ng/ul	96
52) Acenaphthene	14.42	153	692441	22.815	ng/ul	100
53) 2,4-Dinitrophenol	14.48	184	73473	16.763	ng/ul	93
55) 4-Nitrophenol	14.59	109	144714	21.765	ng/ul	93
56) Dibenzofuran	14.75	168	911184	22.454	ng/ul	100
57) 2,4-Dinitrotoluene	14.73	165	230303	23.100	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.99	232	174846	23.093	ng/ul#	95
59) Diethylphthalate	15.20	149	870443	23.324	ng/ul	100
61) Fluorene	15.41	166	761874	22.516	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.41	204	353348	23.068	ng/ul	95
63) 4-Nitroaniline	15.44	138	178627	24.580	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.50	198	118129	19.835	ng/ul	91
67) N-Nitrosodiphenylamine	15.63	169	629856	22.750	ng/ul	99
68) 4-Bromophenyl-phenylether	16.30	248	206809	23.265	ng/ul	98
69) Hexachlorobenzene	16.41	284	236825	23.574	ng/ul	100
70) Atrazine	16.59	200	229429	23.360	ng/ul	98
71) Pentachlorophenol	16.76	266	146167	22.213	ng/ul	97
72) Phenanthrene	17.16	178	1175739	23.090	ng/ul	99
74) Anthracene	17.25	178	1201769	23.242	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	283973	23.170	ng/uL	98
76) Pentachlorobenzene	14.67	250	276201	22.872	ng/uL	99
77) Carbazole	17.52	167	1081406	22.392	ng/ul	99
78) Di-n-butylphthalate	18.09	149	1524416	24.413	ng/ul	100
80) Fluoranthene	19.13	202	1341301	24.027	ng/ul	99
82) Pyrene	19.49	202	1371851	23.792	ng/ul	98
83) Butylbenzylphthalate	20.38	149	712835	25.007	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.15	252	348092	18.036	ng/ul	100
85) Benzo(a)anthracene	21.20	228	1289773	23.412	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.15	149	1080618	24.601	ng/ul	99
87) Chrysene	21.26	228	1239321	23.333	ng/ul	99
89) Di-n-octyl phthalate	22.05	149	1878638	24.089	ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	1353161	23.088	ng/ul	99
91) Benzo(k)fluoranthene	22.89	252	1277684	22.517	ng/ul	99
93) Benzo(a)pyrene	23.44	252	1230049	23.168	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.94	276	1612404	23.226	ng/ul	99
95) Dibenzo(a,h)anthracene	25.96	278	1359339	23.311	ng/ul	99
96) Benzo(g,h,i)perylene	26.67	276	1344456	23.325	ng/ul	99

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

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