Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081321\
Data File : BP006668.D
Acq On : 13 Aug 2021 09:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 11:22:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 13 10:34:54 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
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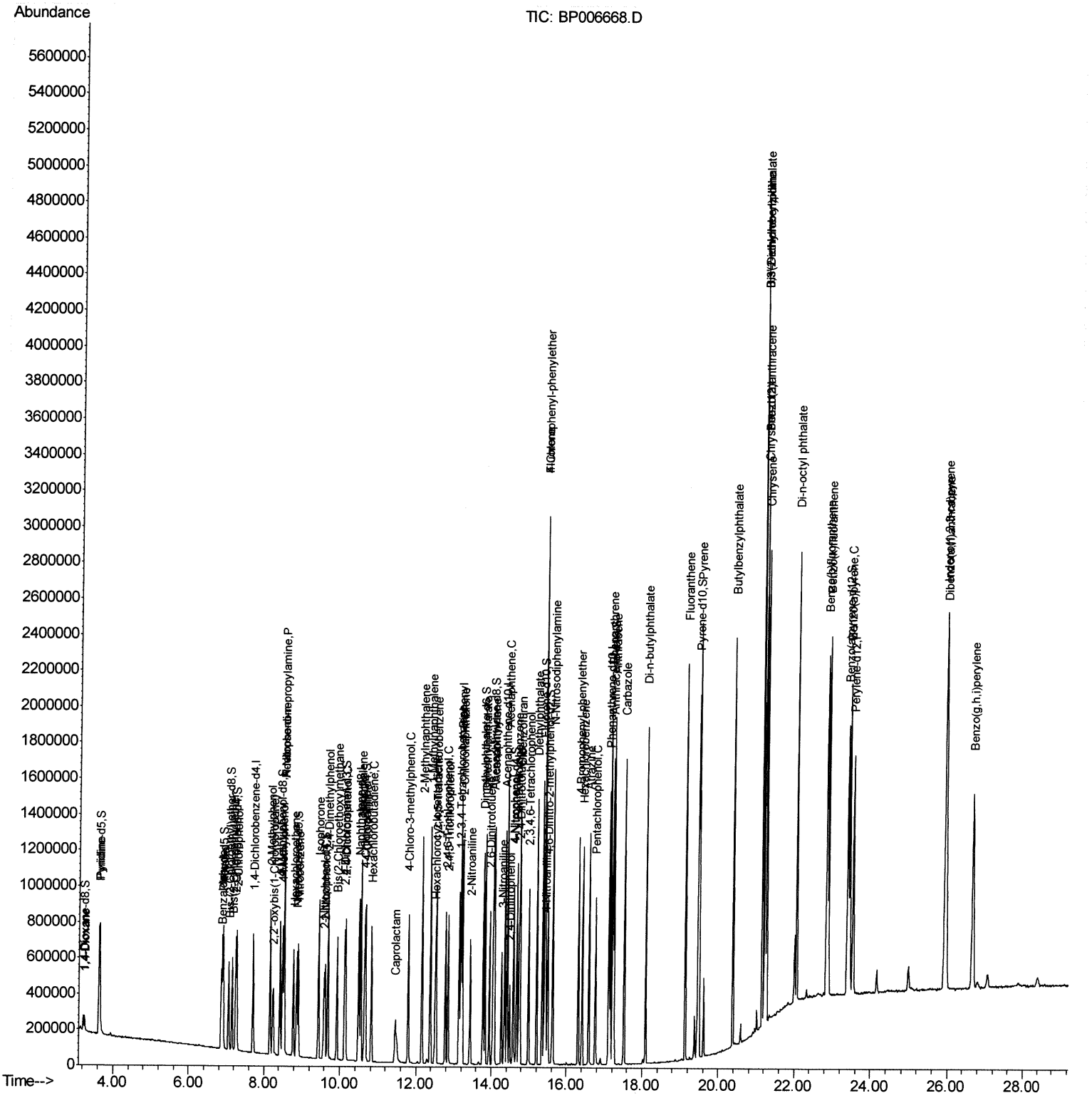

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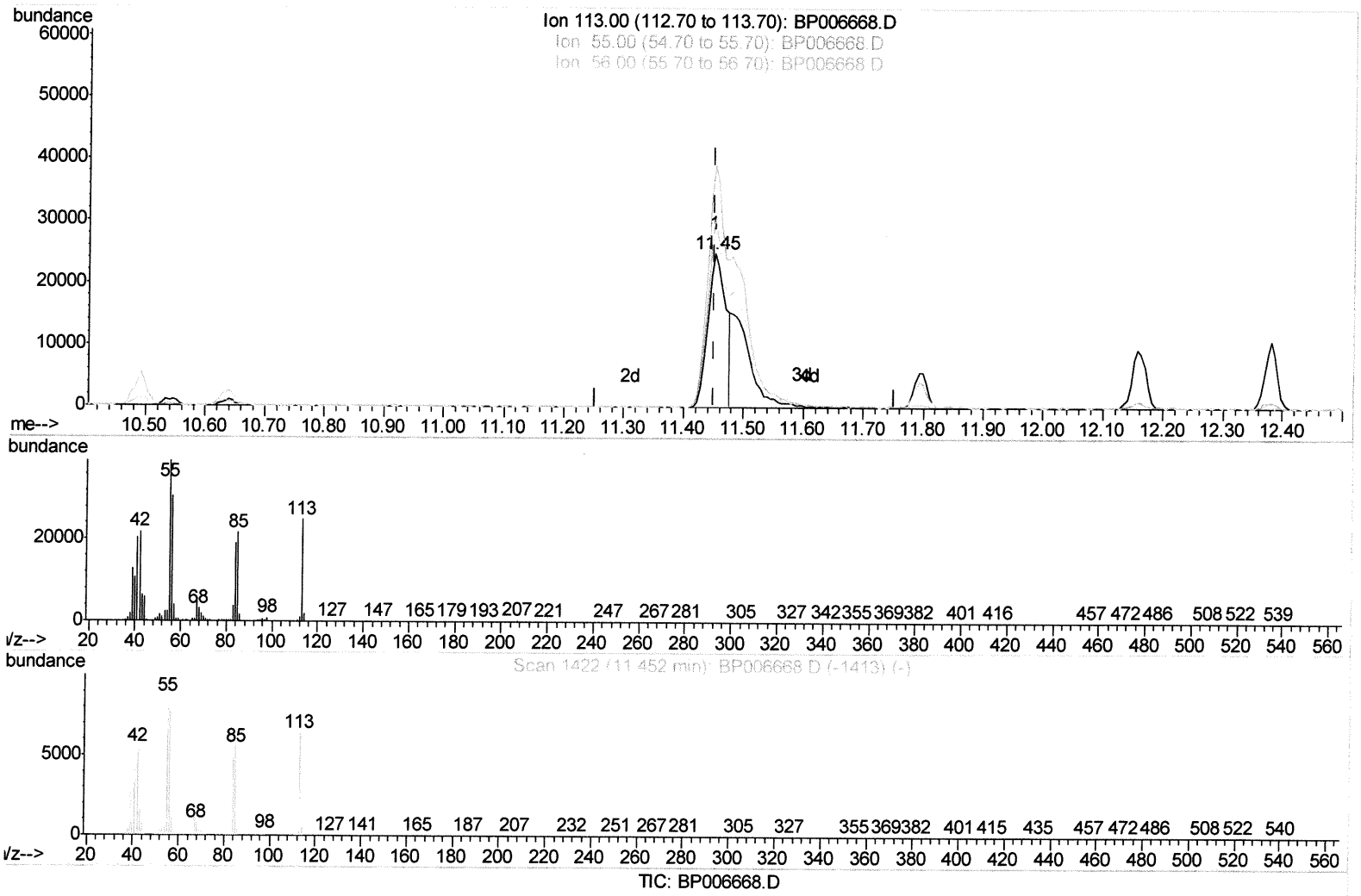

(34) Caprolactam

11.452min (0.000) 12.86ng/ul

response 51605

Ion	Exp%	Act%
113.00	100	100
55.00	157.20	157.20
56.00	122.70	122.73
0.00	0.00	0.00

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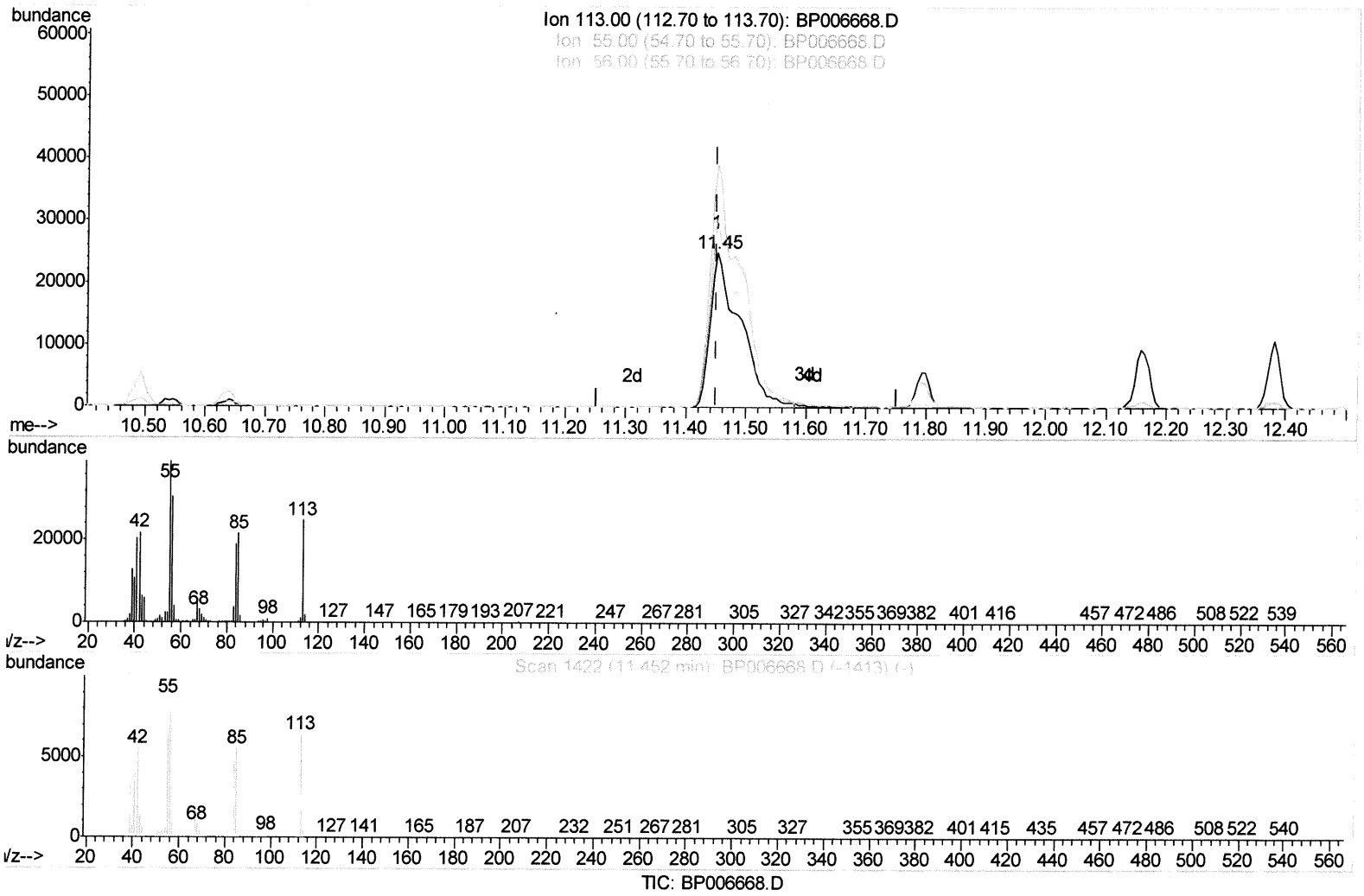

TIC: BP006668.D

(34) Caprolactam

11.452min (0.000) 21.40ng/ul m

response 85885

8/16/21

Ion	Exp%	Act%
113.00	100	100
55.00	157.20	157.20
56.00	122.70	122.73
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	160989	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	688465	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	391245	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.11	188	782848	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	798931	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	850209	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	44783	9.41	ng/uL	0.00
4) Pyridine-d5	3.62	84	306499	22.40	ng/ul	0.00
7) Phenol-d5	6.89	99	336327	20.78	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	214029	21.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	262455	21.77	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	262691	20.32	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	128518	21.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	132788	21.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	227439	22.01	ng/ul	0.00
31) 4-Chloroaniline-d4	10.64	131	360424	21.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	671122	22.37	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	806740	21.92	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	136526	21.78	ng/ul	0.00
60) Fluorene-d10	15.35	176	547810	22.45	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	104819	20.26	ng/ul	0.00
73) Anthracene-d10	17.21	188	830739	22.43	ng/ul	0.00
81) Pyrene-d10	19.46	212	908183	21.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	1017121	22.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	46507	9.617	ng/uL	100
5) Pyridine	3.64	79	316249	22.327	ng/ul	100
6) Benzaldehyde	6.86	77	154561	19.424	ng/ul	100
8) Phenol	6.91	94	349709	21.158	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.15	93	277608	21.791	ng/ul	100
12) 2-Chlorophenol	7.27	128	269611	22.182	ng/ul	100
13) 2-Methylphenol	8.16	108	254967	20.966	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.23	45	319922	21.492	ng/ul	100
16) Acetophenone	8.53	105	427351	20.996	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.52	70	227774	20.805	ng/ul	100
18) 4-Methylphenol	8.49	108	274404	20.755	ng/ul	100
19) Hexachloroethane	8.78	117	120374	22.759	ng/ul	100
22) Nitrobenzene	8.90	77	360829	23.583	ng/ul	100
23) Isophorone	9.43	82	634802	22.250	ng/ul	100
25) 2-Nitrophenol	9.62	139	144687	22.433	ng/ul	100
26) 2,4-Dimethylphenol	9.68	107	308331	22.253	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.92	93	374856	22.665	ng/ul	100
29) 2,4-Dichlorophenol	10.15	162	224512	22.399	ng/ul	100
30) Naphthalene	10.54	128	862158	23.074	ng/ul	100
32) 4-Chloroaniline	10.66	127	351092	21.306	ng/ul	100
33) Hexachlorobutadiene	10.82	225	138465	23.430	ng/ul	100
34) Caprolactam	11.45	113	85885m	21.402	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.79	107	286048	22.309	ng/ul	100
36) 2-Methylnaphthalene	12.16	142	560014	21.811	ng/ul	100
37) 1-Methylnaphthalene	12.38	142	543587	21.274	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	242140	22.965	ng/ul	100
40) Hexachlorocyclopentadiene	12.50	237	139302	20.138	ng/ul	100
41) 2,4,6-Trichlorophenol	12.78	196	164273	22.687	ng/ul	100
42) 2,4,5-Trichlorophenol	12.85	196	173044	22.446	ng/ul	100
43) 1,1'-Biphenyl	13.18	154	693931	22.815	ng/ul	100
44) 2-Chloronaphthalene	13.22	162	543041	23.533	ng/ul	100
45) 2-Nitroaniline	13.43	65	189117	22.727	ng/ul	100
47) Dimethylphthalate	13.82	163	696345	23.464	ng/ul	100
48) 2,6-Dinitrotoluene	13.94	165	133108	23.238	ng/ul	100
50) Acenaphthylene	14.07	152	843363	23.442	ng/ul	100
51) 3-Nitroaniline	14.27	138	128380	19.571	ng/ul	100
52) Acenaphthene	14.42	153	596167	23.240	ng/ul	100
53) 2,4-Dinitrophenol	14.47	184	70472	19.022	ng/ul	100
55) 4-Nitrophenol	14.59	109	131329	23.368	ng/ul	100
56) Dibenzofuran	14.75	168	789627	23.021	ng/ul	100
57) 2,4-Dinitrotoluene	14.73	165	204193	24.231	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.98	232	148010	23.128	ng/ul	100
59) Diethylphthalate	15.19	149	741150	23.495	ng/ul	100
61) Fluorene	15.40	166	659939	23.075	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.40	204	301193	23.263	ng/ul	100
63) 4-Nitroaniline	15.43	138	126586	20.608	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.49	198	112456	21.740	ng/ul	100
67) N-Nitrosodiphenylamine	15.62	169	546542	22.729	ng/ul	100
68) 4-Bromophenyl-phenylether	16.30	248	176557	22.868	ng/ul	100
69) Hexachlorobenzene	16.41	284	200456	22.973	ng/ul	100
70) Atrazine	16.59	200	195640	22.934	ng/ul	100
71) Pentachlorophenol	16.76	266	123820	21.665	ng/ul	100
72) Phenanthrene	17.15	178	1038936	23.492	ng/ul	100
74) Anthracene	17.25	178	1059748	23.597	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	238178	22.374	ng/uL	100
76) Pentachlorobenzene	14.67	250	236709	22.569	ng/uL	100
77) Carbazole	17.52	167	950849	22.668	ng/ul	100
78) Di-n-butylphthalate	18.09	149	1277104	23.548	ng/ul	100
80) Fluoranthene	19.13	202	1181986	22.415	ng/ul	100
82) Pyrene	19.49	202	1229733	22.578	ng/ul	100
83) Butylbenzylphthalate	20.38	149	599240	22.254	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.15	252	382550	20.983	ng/ul	100
85) Benzo(a)anthracene	21.20	228	1189055	22.850	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.15	149	926612	22.332	ng/ul	100
87) Chrysene	21.25	228	1156626	23.053	ng/ul	100
89) Di-n-octyl phthalate	22.05	149	1591200	21.651	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1281155	23.196	ng/ul	100
91) Benzo(k)fluoranthene	22.88	252	1202555	22.489	ng/ul	100
93) Benzo(a)pyrene	23.43	252	1159267	23.170	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.93	276	1506757	23.032	ng/ul	100
95) Dibenzo(a,h)anthracene	25.95	278	1259250	22.916	ng/ul	100
96) Benzo(g,h,i)perylene	26.66	276	1252413	23.057	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