Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072921\
Data File : BP006436.D
Acq On : 30 Jul 2021 00:32
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 30 02:10:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 11:29:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

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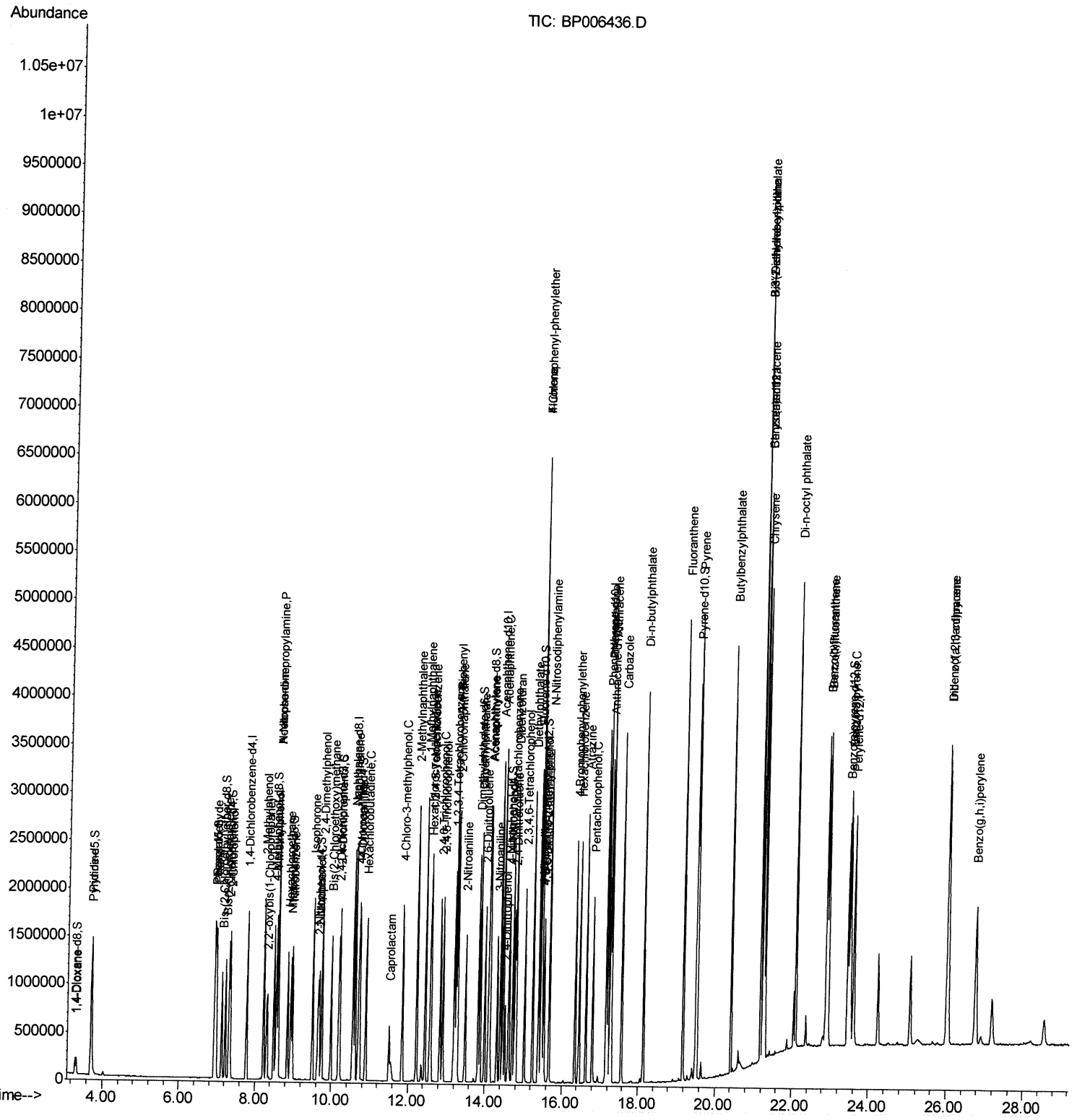

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Quant Time: Jul 30 02:08:47 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 11:29:11 2021
Response via : Initial Calibration

Instrument :
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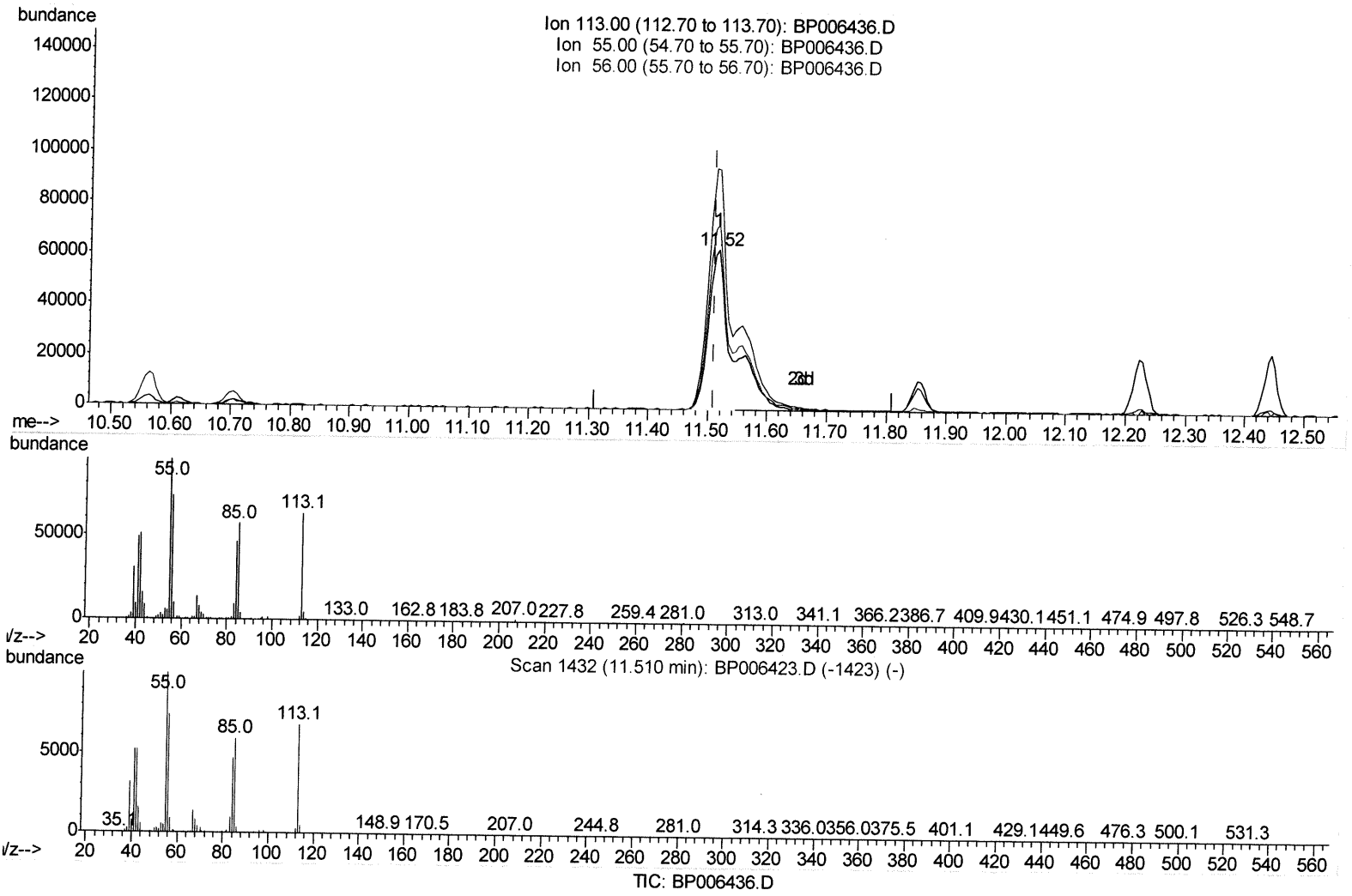

(34) Caprolactam

11.516min (+0.006) 15.07ng/ul

response 132880

Ion	Exp%	Act%
113.00	100	100
55.00	156.10	150.35
56.00	115.90	116.11
0.00	0.00	0.00

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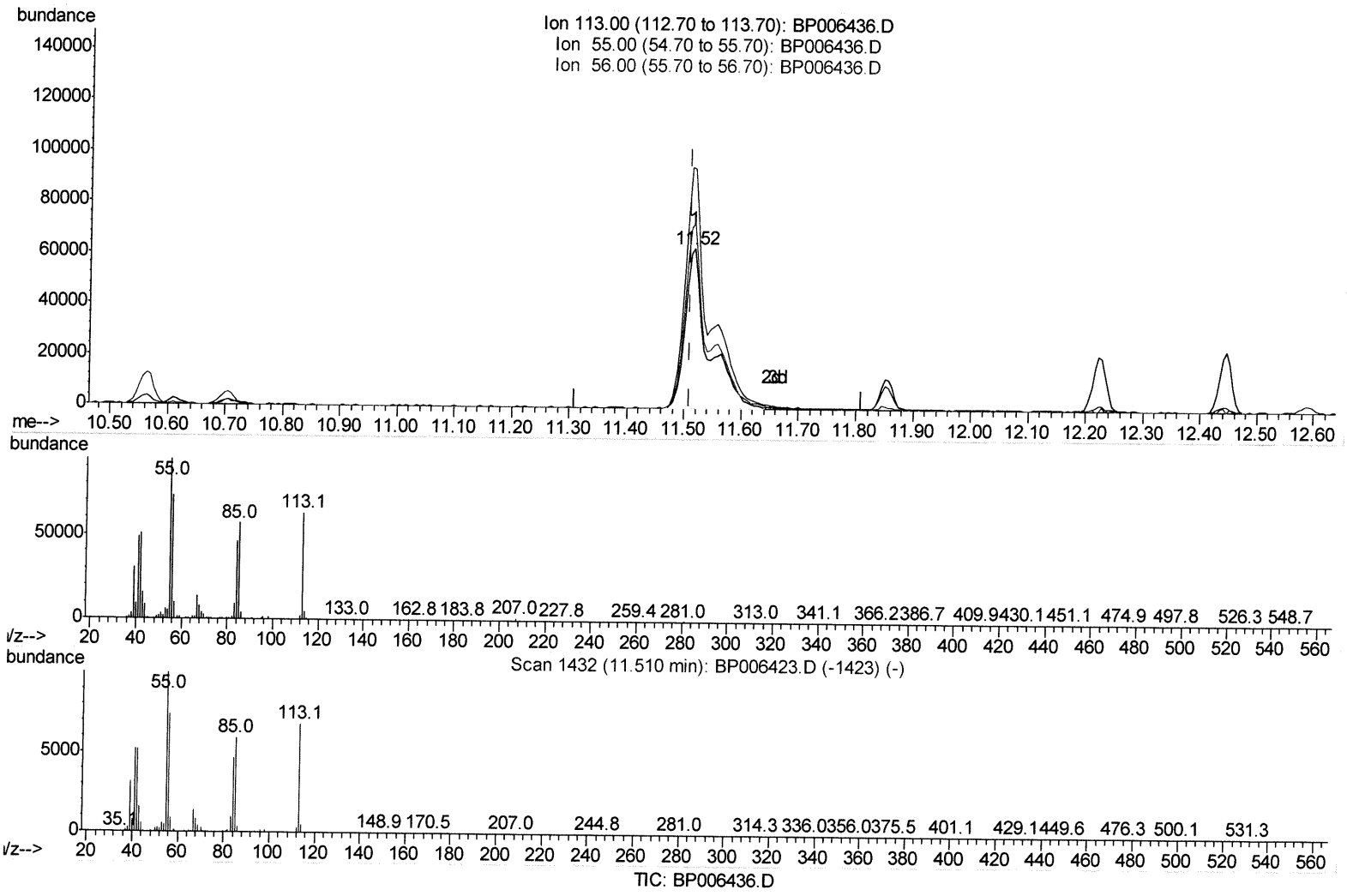

(34) Caprolactam

11.516min (+0.006) 20.67ng/ul m 08/03/21 JU

response 182251

Ion	Exp%	Act%
113.00	100	100
55.00	156.10	150.35
56.00	115.90	116.11
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	446087	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	1868065	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	1047703	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.16	188	2013315	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	1807081	20.00	ng/ul	0.00
88) Perylene-d12	23.60	264	1559143	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	96151	8.05	ng/uL	0.00
4) Pyridine-d5	3.70	84	708260	19.96	ng/ul	0.00
7) Phenol-d5	6.95	99	772784	18.45	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.12	67	499325	19.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	603383	19.39	ng/ul	0.00
15) 4-Methylphenol-d8	8.49	113	591870	17.96	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	287626	20.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	291372	21.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	524900	20.17	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	780845	18.22	ng/ul	0.00
46) Dimethylphthalate-d6	13.83	166	1462699	19.62	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	1727248	18.85	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	275019	18.57	ng/ul	0.00
60) Fluorene-d10	15.40	176	1185384	18.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	194570	17.34	ng/ul	0.00
73) Anthracene-d10	17.26	188	1769191	19.47	ng/ul	0.00
81) Pyrene-d10	19.50	212	1879896	20.23	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.45	264	1634690	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	99686	7.901	ng/uL	98
5) Pyridine	3.72	79	717858	19.402	ng/ul	96
6) Benzaldehyde	6.93	77	543925	23.795	ng/ul	99
8) Phenol	6.98	94	826663	19.303	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.22	93	652463	19.369	ng/ul	99
12) 2-Chlorophenol	7.35	128	637574	20.204	ng/ul	99
13) 2-Methylphenol	8.22	108	596457	19.086	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.31	45	765830	20.350	ng/ul	99
16) Acetophenone	8.60	105	981882	19.380	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.59	70	530820	20.027	ng/ul	98
18) 4-Methylphenol	8.55	108	640775	19.095	ng/ul	98
19) Hexachloroethane	8.85	117	273806	21.212	ng/ul	99
22) Nitrobenzene	8.98	77	794042	22.002	ng/ul	100
23) Isophorone	9.50	82	1387101	21.500	ng/ul	100
25) 2-Nitrophenol	9.68	139	331278	22.619	ng/ul	98
26) 2,4-Dimethylphenol	9.75	107	722303	20.796	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.99	93	847425	20.454	ng/ul	98
29) 2,4-Dichlorophenol	10.21	162	526193	20.608	ng/ul	99
30) Naphthalene	10.61	128	1952450	20.145	ng/ul	100
32) 4-Chloroaniline	10.73	127	796112	18.861	ng/ul	99
33) Hexachlorobutadiene	10.90	225	318348	20.437	ng/ul	98
34) Caprolactam	11.52	113	182251m >	20.671	ng/ul >	

08/03/21 JU

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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	636161	20.870	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	1318279	19.850	ng/ul	99
37) 1-Methylnaphthalene	12.45	142	1302430	19.484	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	572960	20.293	ng/ul	100
40) Hexachlorocyclopentadiene	12.57	237	403917	21.991	ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	378047	21.608	ng/ul	99
42) 2,4,5-Trichlorophenol	12.90	196	411104	21.476	ng/ul	99
43) 1,1'-Biphenyl	13.24	154	1592166	20.273	ng/ul	99
44) 2-Chloronaphthalene	13.28	162	1209871	20.403	ng/ul	99
45) 2-Nitroaniline	13.49	65	424019	24.207	ng/ul	95
47) Dimethylphthalate	13.87	163	1501954	20.520	ng/ul	100
48) 2,6-Dinitrotoluene	13.99	165	303443	22.677	ng/ul	100
50) Acenaphthylene	14.13	152	1834190	20.559	ng/ul	100
51) 3-Nitroaniline	14.32	138	340247	21.702	ng/ul	98
52) Acenaphthene	14.47	153	1312523	20.052	ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	132598	16.708	ng/ul	97
55) 4-Nitrophenol	14.63	109	250532	20.920	ng/ul	95
56) Dibenzofuran	14.80	168	1745384	19.883	ng/ul	97
57) 2,4-Dinitrotoluene	14.77	165	436737	22.840	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.03	232	325971	21.836	ng/ul	97
59) Diethylphthalate	15.25	149	1592200	21.002	ng/ul	99
61) Fluorene	15.46	166	1454917	20.149	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.46	204	669356	19.884	ng/ul	99
63) 4-Nitroaniline	15.49	138	347718	22.581	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.54	198	207086	18.874	ng/ul	98
67) N-Nitrosodiphenylamine	15.67	169	1233035	20.616	ng/ul	99
68) 4-Bromophenyl-phenylether	16.36	248	392184	24.324	ng/ul	98
69) Hexachlorobenzene	16.46	284	438506	20.279	ng/ul	96
70) Atrazine	16.64	200	437291	21.127	ng/ul	100
71) Pentachlorophenol	16.80	266	271892	20.001	ng/ul	99
72) Phenanthrene	17.20	178	2185400	20.215	ng/ul	100
74) Anthracene	17.29	178	2230209	20.345	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	574373	20.813	ng/uL	99
76) Pentachlorobenzene	14.72	250	555807	20.659	ng/uL	99
77) Carbazole	17.57	167	2029750	20.242	ng/ul	100
78) Di-n-butylphthalate	18.13	149	2705502	22.575	ng/ul	100
80) Fluoranthene	19.17	202	2425883	21.181	ng/ul	100
82) Pyrene	19.53	202	2494304	20.988	ng/ul	100
83) Butylbenzylphthalate	20.42	149	1234226	25.311	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.18	252	733927	18.433	ng/ul	100
85) Benzo(a)anthracene	21.25	228	2320274	20.721	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.19	149	1899002	24.873	ng/ul	99
87) Chrysene	21.30	228	2191404	20.417	ng/ul	99
89) Di-n-octyl phthalate	22.09	149	3128332	28.792	ng/ul	100
90) Benzo(b)fluoranthene	22.89	252	2092615	21.131	ng/ul	100
91) Benzo(k)fluoranthene	22.94	252	2108276	22.431	ng/ul	100
93) Benzo(a)pyrene	23.50	252	1771227	20.462	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.03	276	2046132	18.466	ng/ul	99
95) Dibenzo(a,h)anthracene	26.04	278	1731563	18.450	ng/ul	99
96) Benzo(g,h,i)perylene	26.77	276	1638836	17.901	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