Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
Data File : BN014723.D
Acq On : 24 May 2021 22:11
Operator : CG/JU
Sample : SSTD08054
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 25 01:39:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 01:17:49 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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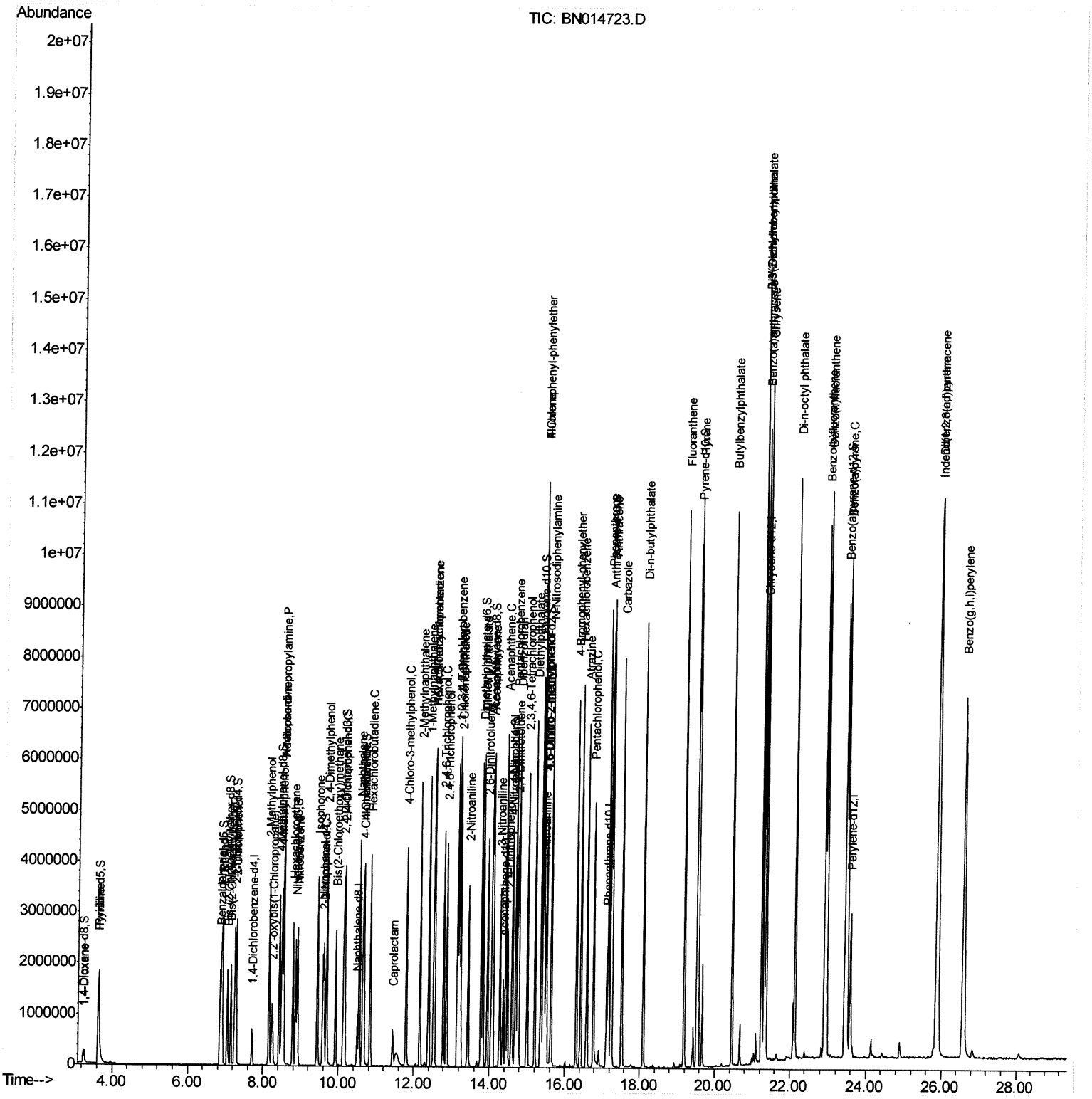

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Quant Title : SVOA CALIBRATION
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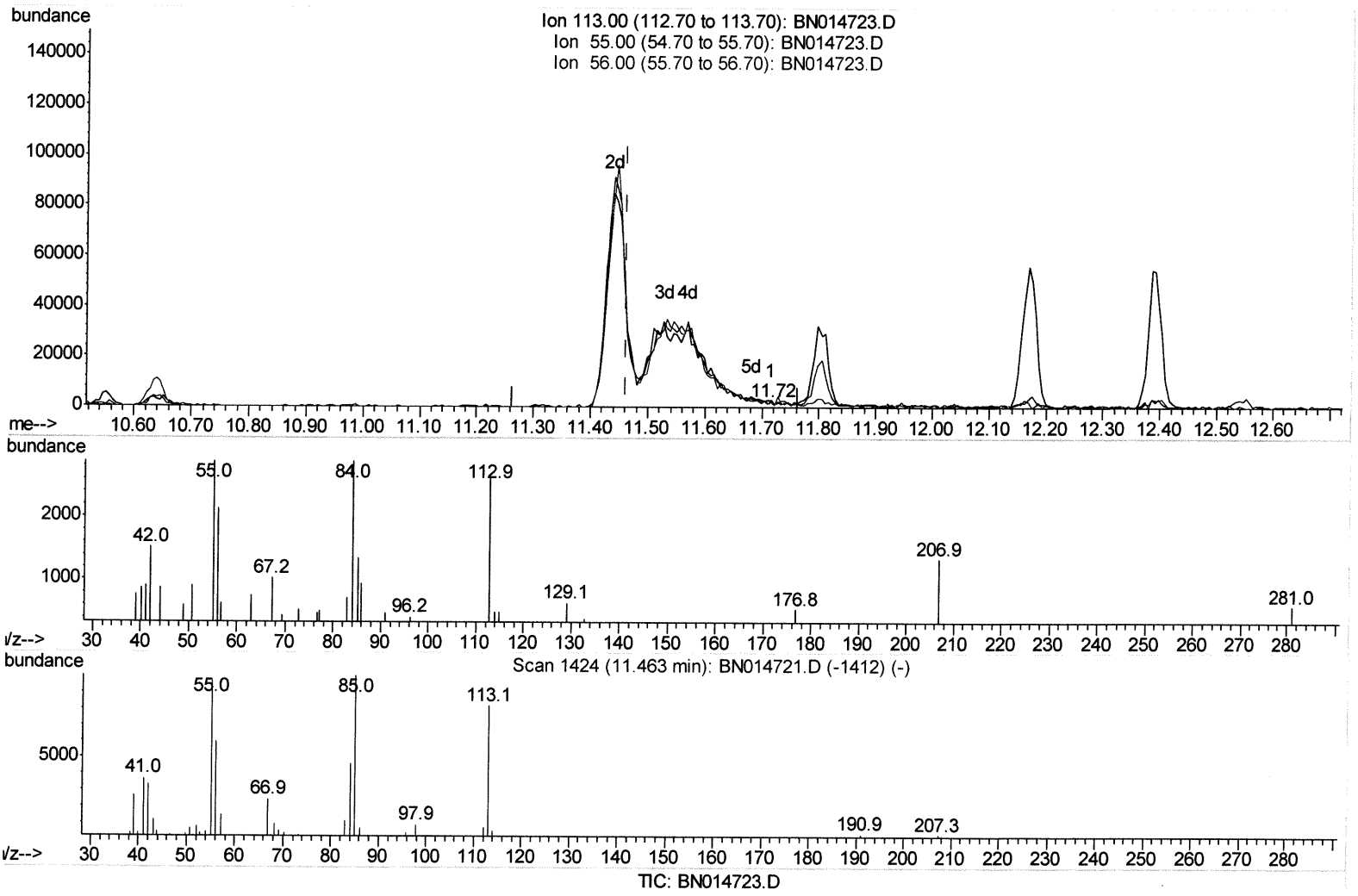

(34) Caprolactam

11.716min (+0.253) 0.21ng/ul

response 653

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	109.20
56.00	73.20	80.68
0.00	0.00	0.00

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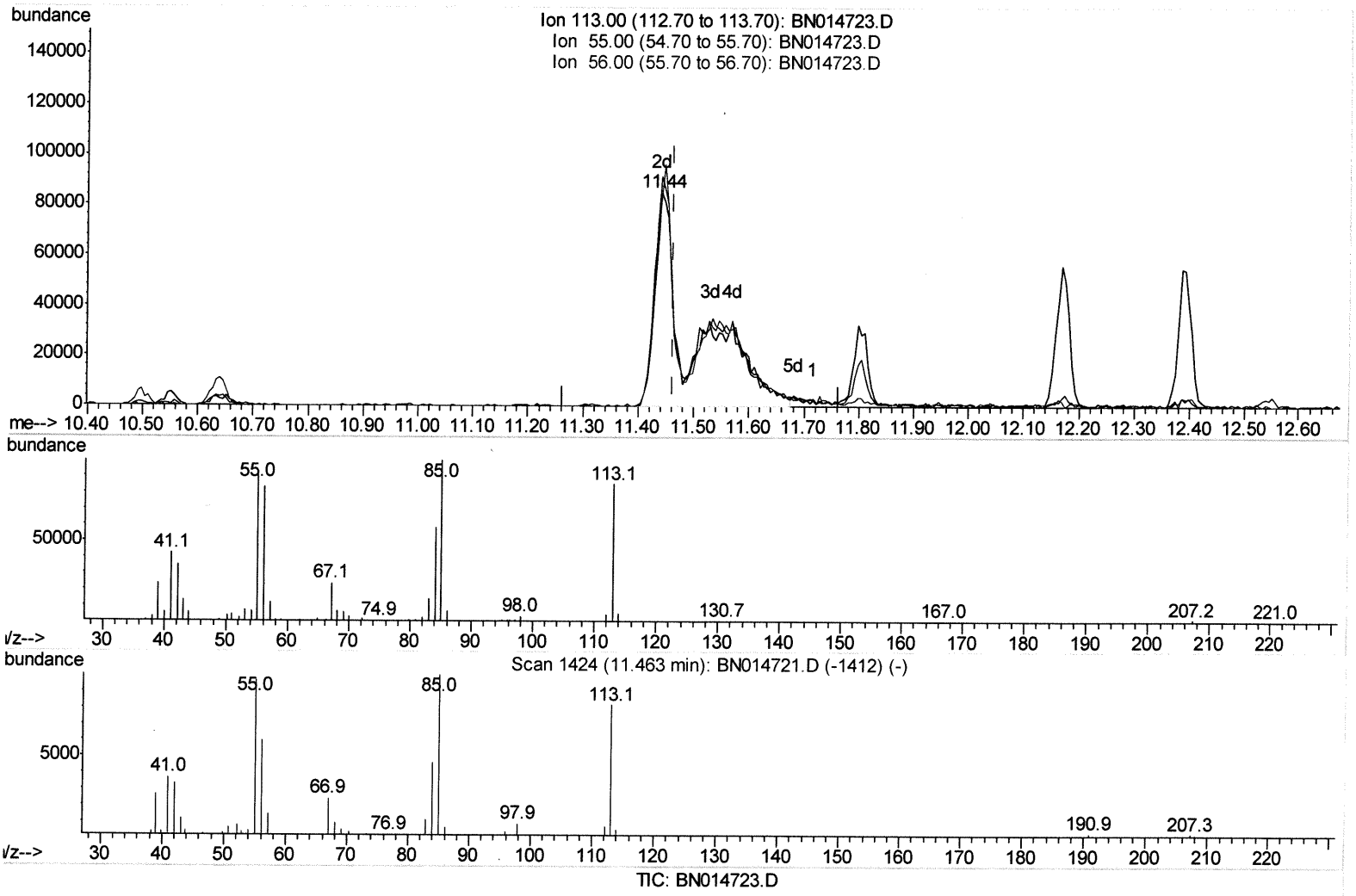

(34) Caprolactam

11.440min (-0.024) 125.38ng/ul m JU 5/27/21

response 395022

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	107.36
56.00	73.20	97.65#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	175230	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	722526	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	540819	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1383431	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1554671	20.00	ng/ul	0.00
88) Perylene-d12	23.59	264	2062075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	163124	35.43	ng/uL	0.00
4) Pyridine-d5	3.63	84	1052023	86.25	ng/ul	0.00
7) Phenol-d5	6.89	99	1546195	105.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	760240	86.67	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	956934	83.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	1197847	107.87	ng/ul	0.00
21) Nitrobenzene-d5	8.87	128	507456	97.19	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	557856	109.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	1175537	106.72	ng/ul	0.00
31) 4-Chloroaniline-d4	10.64	131	1357247	83.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.78	166	3721537	94.99	ng/ul	0.00
49) Acenaphthylene-d8	14.06	160	4181608	88.72	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	620542	81.66	ng/ul	0.00
60) Fluorene-d10	15.36	176	2960763	85.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	723914	97.78	ng/ul	0.01
73) Anthracene-d10	17.22	188	4862198	75.30	ng/ul	0.00
81) Pyrene-d10	19.52	212	5946347	78.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	8740373	79.90	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	169816	36.208	ng/uL	95
5) Pyridine	3.65	79	1060695	84.617	ng/ul	94
6) Benzaldehyde	6.86	77	727096	98.306	ng/ul	95
8) Phenol	6.92	94	1590501	101.003	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.15	93	1211460	97.820	ng/ul	92
12) 2-Chlorophenol	7.28	128	997385	80.960	ng/ul	98
13) 2-Methylphenol	8.16	108	1157236	101.347	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.24	45	766186	55.967	ng/ul	96
16) Acetophenone	8.53	105	1880791	100.768	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.53	70	992473	114.366	ng/ul#	94
18) 4-Methylphenol	8.49	108	1247765	100.901	ng/ul	96
19) Hexachloroethane	8.79	117	492062	95.020	ng/ul#	88
22) Nitrobenzene	8.91	77	1540846	111.562	ng/ul#	98
23) Isophorone	9.44	82	2967065	127.736	ng/ul	98
25) 2-Nitrophenol	9.62	139	596600	98.752	ng/ul	93
26) 2,4-Dimethylphenol	9.69	107	1636917	121.709	ng/ul	94
27) Bis(2-Chloroethoxy)methane	9.92	93	1691158	106.867	ng/ul#	99
29) 2,4-Dichlorophenol	10.16	162	1105549	97.808	ng/ul	95
30) Naphthalene	10.55	128	3220887	80.430	ng/ul	99
32) 4-Chloroaniline	10.66	127	1425342	84.775	ng/ul	99
33) Hexachlorobutadiene	10.84	225	925477	125.405	ng/ul	98
34) Caprolactam	11.44	113	395022m	125.383	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	1666717	149.181 ng/ul	98
36) 2-Methylnaphthalene	12.17	142	2369882	86.855 ng/ul	99
37) 1-Methylnaphthalene	12.39	142	2335449	85.954 ng/ul#	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	1594545	87.110 ng/ul	97
40) Hexachlorocyclopentadiene	12.53	237	1193202	104.968 ng/ul	97
41) 2,4,6-Trichlorophenol	12.79	196	1044132	98.691 ng/ul	95
42) 2,4,5-Trichlorophenol	12.87	196	1177200	100.265 ng/ul	98
43) 1,1'-Biphenyl	13.19	154	3140657	70.609 ng/ul	97
44) 2-Chloronaphthalene	13.23	162	2594300	74.613 ng/ul	97
45) 2-Nitroaniline	13.45	65	1024745	127.130 ng/ul	97
47) Dimethylphthalate	13.83	163	3526007	86.691 ng/ul	99
48) 2,6-Dinitrotoluene	13.95	165	778705	109.170 ng/ul	99
50) Acenaphthylene	14.09	152	3766532	75.107 ng/ul	98
51) 3-Nitroaniline	14.27	138	727048	82.724 ng/ul	94
52) Acenaphthene	14.43	153	2661394	72.755 ng/ul	98
53) 2,4-Dinitrophenol	14.48	184	509254	122.311 ng/ul	96
55) 4-Nitrophenol	14.60	109	841806	129.287 ng/ul	96
56) Dibenzofuran	14.77	168	3949554	77.583 ng/ul#	88
57) 2,4-Dinitrotoluene	14.74	165	1146650	111.279 ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.00	232	1171672	126.845 ng/ul	96
59) Diethylphthalate	15.20	149	3538053	85.039 ng/ul	97
61) Fluorene	15.42	166	2688689	65.154 ng/ul	89
62) 4-Chlorophenyl-phenylether	15.42	204	1511020	74.356 ng/ul#	87
63) 4-Nitroaniline	15.45	138	693754	81.092 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.51	198	703586	89.744 ng/ul#	94
67) N-Nitrosodiphenylamine	15.63	169	2883237	66.982 ng/ul	99
68) 4-Bromophenyl-phenylether	16.32	248	1399431	95.617 ng/ul	91
69) Hexachlorobenzene	16.43	284	1698797	97.239 ng/ul	98
70) Atrazine	16.59	200	1306470	85.405 ng/ul	98
71) Pentachlorophenol	16.77	266	1036932	102.084 ng/ul	96
72) Phenanthrene	17.16	178	5467684	67.693 ng/ul	97
74) Anthracene	17.26	178	5353701	65.255 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	1778254	78.057 ng/uL	91
76) Pentachlorobenzene	14.69	250	1821937	80.465 ng/uL	97
77) Carbazole	17.53	167	5020748	67.650 ng/ul	97
78) Di-n-butylphthalate	18.10	149	6061227	75.479 ng/ul	99
80) Fluoranthene	19.19	202	7020438	73.617 ng/ul	99
82) Pyrene	19.56	202	6991148	68.848 ng/ul	98
83) Butylbenzylphthalate	20.46	149	2883014	86.470 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.23	252	2137429	76.872 ng/ul	100
85) Benzo(a)anthracene	21.30	228	7468081	74.343 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.24	149	3478091	64.004 ng/ul	99
87) Chrysene	21.36	228	7354465	75.531 ng/ul	98
89) Di-n-octyl phthalate	22.13	149	8079774	62.757 ng/ul	100
90) Benzo(b)fluoranthene	22.91	252	9208731	66.753 ng/ul	96
91) Benzo(k)fluoranthene	22.95	252	9130027	66.481 ng/ul	98
93) Benzo(a)pyrene	23.50	252	8440765	69.157 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.89	276	11453414	70.801 ng/ul	99
95) Dibenzo(a,h)anthracene	25.91	278	9072145	67.931 ng/ul	99
96) Benzo(g,h,i)perylene	26.60	276	11155608	85.331 ng/ul	94

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

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