Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060621\
Data File : BM030303.D
Acq On : 04 Jun 2021 19:57
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 05 05:59:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 04 19:21:18 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV018

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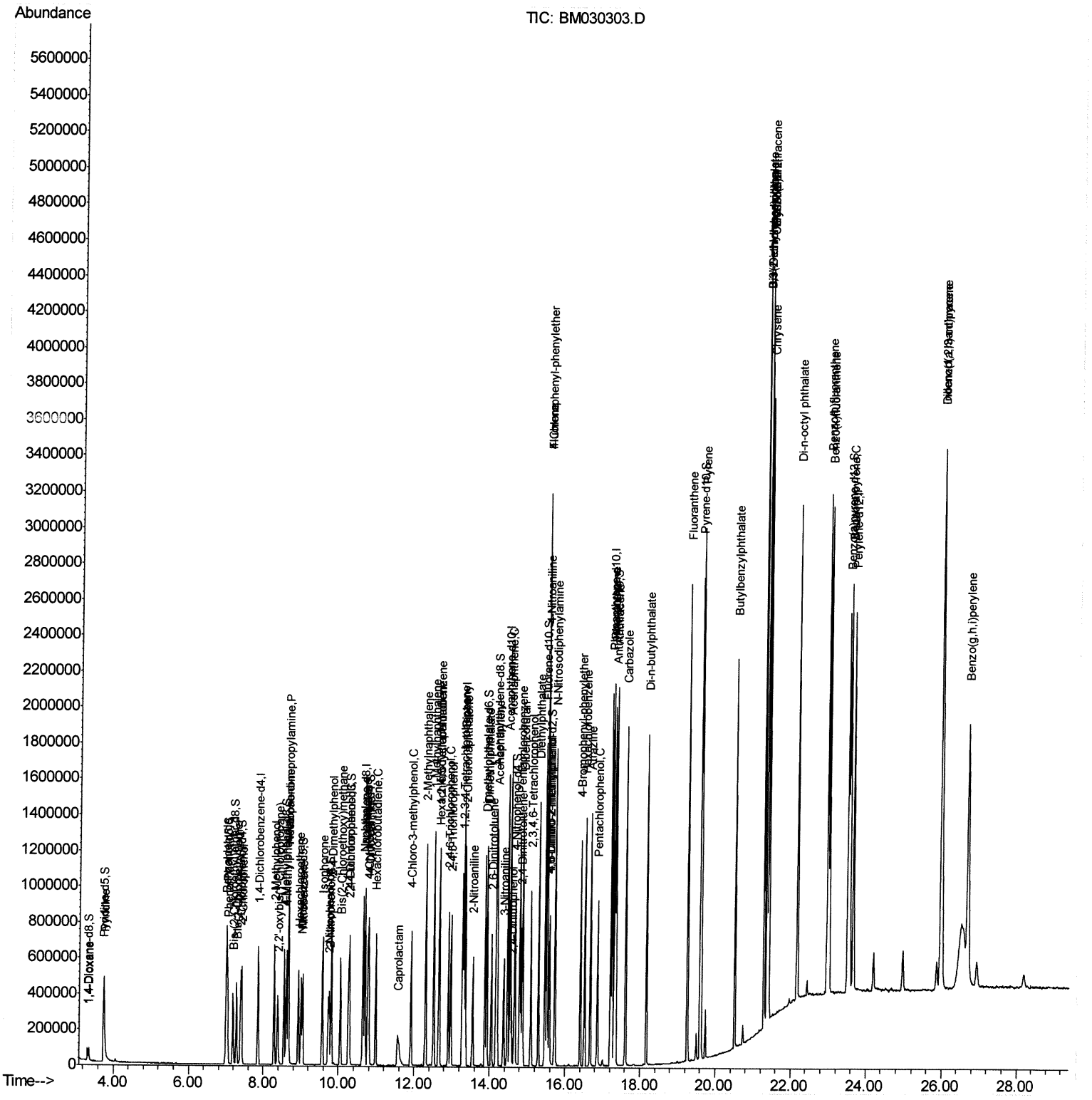

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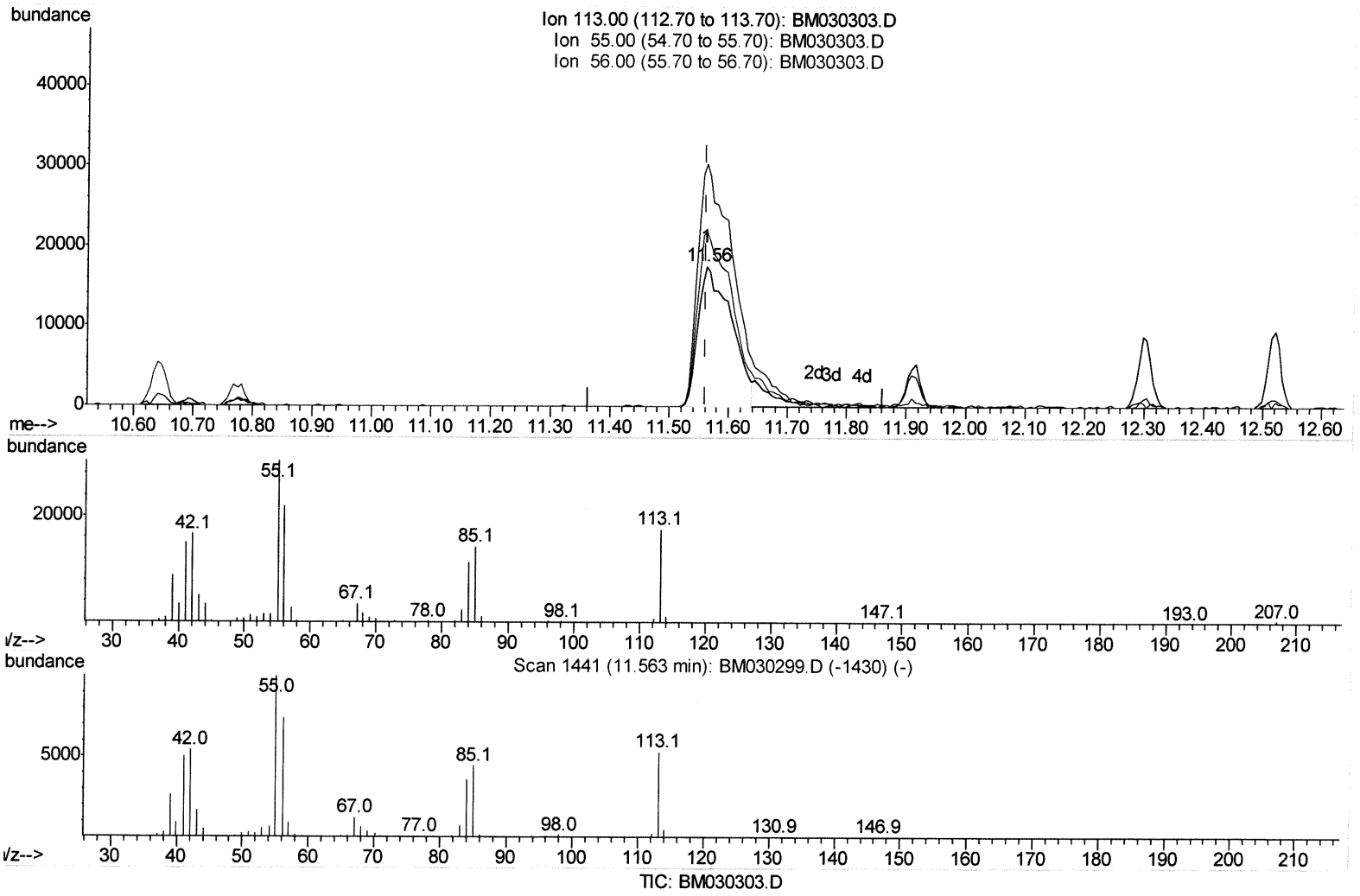

TIC: BM030303.D

(34) Caprolactam

11.563min (+0.000) 18.68ng/ul

response 68332

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	173.11
56.00	138.60	124.79
0.00	0.00	0.00

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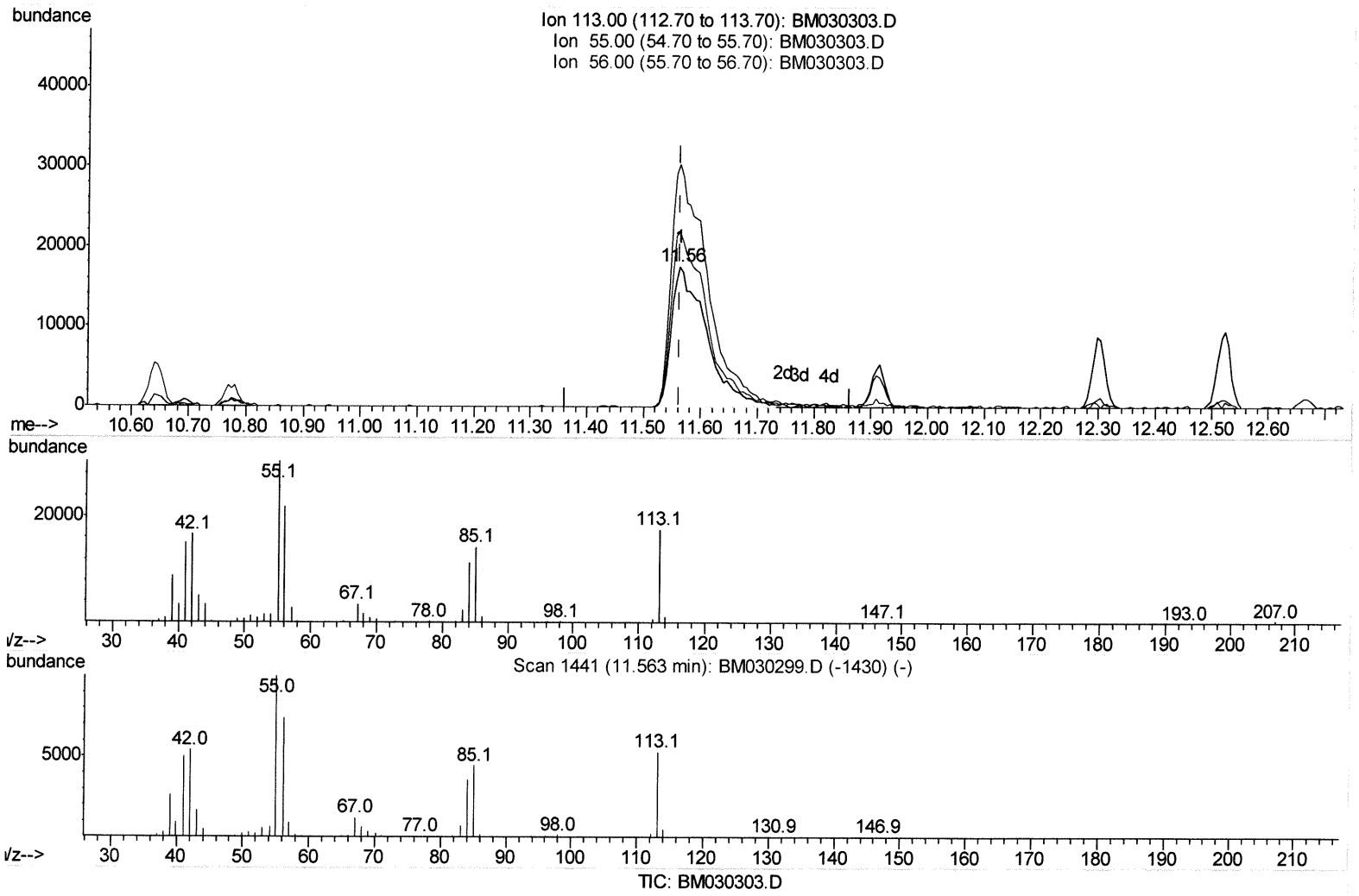

TIC: BM030303.D

(34) Caprolactam

11.563min (+0.000) 20.60ng/ul m JU 6/23/21

response 75346

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	173.11
56.00	138.60	124.79
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	7.85	152	181260	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	792029	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.47	164	551139	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.21	188	1229692	20.00	ng/ul	0.00
79) Chrysene-d12	21.37	240	1432729	20.00	ng/ul	0.00
88) Perylene-d12	23.65	264	1531307	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	34988	7.37	ng/uL	0.00
4) Pyridine-d5	3.73	84	217060	17.40	ng/ul	0.00
7) Phenol-d5	7.01	99	294784	18.71	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	185327	18.23	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	237139	20.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	238761	18.98	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	112315	20.72	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	116027	21.55	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	249733	21.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	363099	20.25	ng/ul	0.00
46) Dimethylphthalate-d6	13.88	166	794404	21.00	ng/ul	0.00
49) Acenaphthylene-d8	14.17	160	972963	20.59	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	146084	20.63	ng/ul	0.00
60) Fluorene-d10	15.46	176	707335	20.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.57	200	129682	18.27	ng/ul	0.00
73) Anthracene-d10	17.31	188	1134275	20.28	ng/ul	0.00
81) Pyrene-d10	19.59	212	1332496	17.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.51	264	1548026	20.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	35561	7.391	ng/uL	93
5) Pyridine	3.75	79	229237	17.408	ng/ul	98
6) Benzaldehyde	6.99	77	137233	18.587	ng/ul	94
8) Phenol	7.03	94	300698	18.846	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.27	93	241787	18.770	ng/ul	99
12) 2-Chlorophenol	7.42	128	241803	20.573	ng/ul	99
13) 2-Methylphenol	8.29	108	222350	18.740	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.38	45	363578	17.523	ng/ul	98
16) Acetophenone	8.67	105	379660	19.085	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.66	70	192916	19.952	ng/ul	97
18) 4-Methylphenol	8.61	108	248748	19.013	ng/ul	98
19) Hexachloroethane	8.93	117	96098	19.324	ng/ul	96
22) Nitrobenzene	9.05	77	274934	19.754	ng/ul	100
23) Isophorone	9.57	82	511794	20.111	ng/ul	100
25) 2-Nitrophenol	9.76	139	130561	21.889	ng/ul	97
26) 2,4-Dimethylphenol	9.81	107	276046	20.443	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.05	93	329981	19.476	ng/ul	99
29) 2,4-Dichlorophenol	10.29	162	242589	21.239	ng/ul	98
30) Naphthalene	10.69	128	796207	19.832	ng/ul	100
32) 4-Chloroaniline	10.80	127	360612	20.093	ng/ul	98
33) Hexachlorobutadiene	10.98	225	156118	21.478	ng/ul	97
34) Caprolactam	11.56	113	75346m	20.602	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.91	107	246327	21.192	ng/ul	98
36) 2-Methylnaphthalene	12.30	142	589528	20.641	ng/ul	100
37) 1-Methylnaphthalene	12.52	142	600511	20.715	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	325624	20.322	ng/ul	99
40) Hexachlorocyclopentadiene	12.65	237	186920	18.462	ng/ul	96
41) 2,4,6-Trichlorophenol	12.90	196	199698	20.745	ng/ul	96
42) 2,4,5-Trichlorophenol	12.97	196	227935	21.737	ng/ul	98
43) 1,1'-Biphenyl	13.31	154	785616	19.564	ng/ul	98
44) 2-Chloronaphthalene	13.35	162	606562	19.573	ng/ul	98
45) 2-Nitroaniline	13.55	65	154375	19.927	ng/ul	97
47) Dimethylphthalate	13.93	163	786211	21.279	ng/ul	99
48) 2,6-Dinitrotoluene	14.04	165	147715	22.309	ng/ul	96
50) Acenaphthylene	14.20	152	914729	20.268	ng/ul	99
51) 3-Nitroaniline	14.37	138	143224	18.973	ng/ul	94
52) Acenaphthene	14.54	153	665498	19.848	ng/ul	99
53) 2,4-Dinitrophenol	14.57	184	82818	18.743	ng/ul	94
55) 4-Nitrophenol	14.67	109	112222	20.232	ng/ul	96
56) Dibenzofuran	14.87	168	945141	20.261	ng/ul	99
57) 2,4-Dinitrotoluene	14.83	165	218241	23.306	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	192677	22.954	ng/ul	94
59) Diethylphthalate	15.29	149	788140	21.616	ng/ul	100
61) Fluorene	15.52	166	804740	20.547	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.52	204	403127	21.373	ng/ul	98
63) 4-Nitroaniline	15.53	138	143719	20.332	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.59	198	129977	18.467	ng/ul	97
67) N-Nitrosodiphenylamine	15.73	169	686841	18.961	ng/ul	99
68) 4-Bromophenyl-phenylether	16.40	248	237420	19.850	ng/ul	96
69) Hexachlorobenzene	16.52	284	276242	20.320	ng/ul	96
70) Atrazine	16.67	200	254906	19.608	ng/ul	100
71) Pentachlorophenol	16.86	266	161157	19.345	ng/ul	99
72) Phenanthrene	17.25	178	1309318	19.692	ng/ul	99
74) Anthracene	17.34	178	1353863	20.175	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.27	216	323018	18.256	ng/uL	99
76) Pentachlorobenzene	14.79	250	324760	19.059	ng/uL	100
77) Carbazole	17.61	167	1184742	19.878	ng/ul	99
78) Di-n-butylphthalate	18.17	149	1347388	21.587	ng/ul	99
80) Fluoranthene	19.26	202	1616138	17.539	ng/ul	99
82) Pyrene	19.62	202	1714216	17.591	ng/ul	96
83) Butylbenzylphthalate	20.51	149	596210	19.494	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.29	252	557068	21.500	ng/ul	97
85) Benzo(a)anthracene	21.36	228	1768202	20.425	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.28	149	961570	20.725	ng/ul	99
87) Chrysene	21.40	228	1721940	20.173	ng/ul	100
89) Di-n-octyl phthalate	22.17	149	1676281	16.996	ng/ul	100
90) Benzo(b)fluoranthene	22.96	252	1930315	19.611	ng/ul	98
91) Benzo(k)fluoranthene	23.01	252	1813931	19.293	ng/ul	98
93) Benzo(a)pyrene	23.56	252	1727335	20.077	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.97	276	2207871	20.851	ng/ul	96
95) Dibenzo(a,h)anthracene	25.99	278	1848714	20.737	ng/ul	98
96) Benzo(g,h,i)perylene	26.69	276	1831022	21.043	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