Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030198.D
Acq On : 27 May 2021 13:04
Operator : CG/JU
Sample : PB136674BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 27 13:34:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 12:44:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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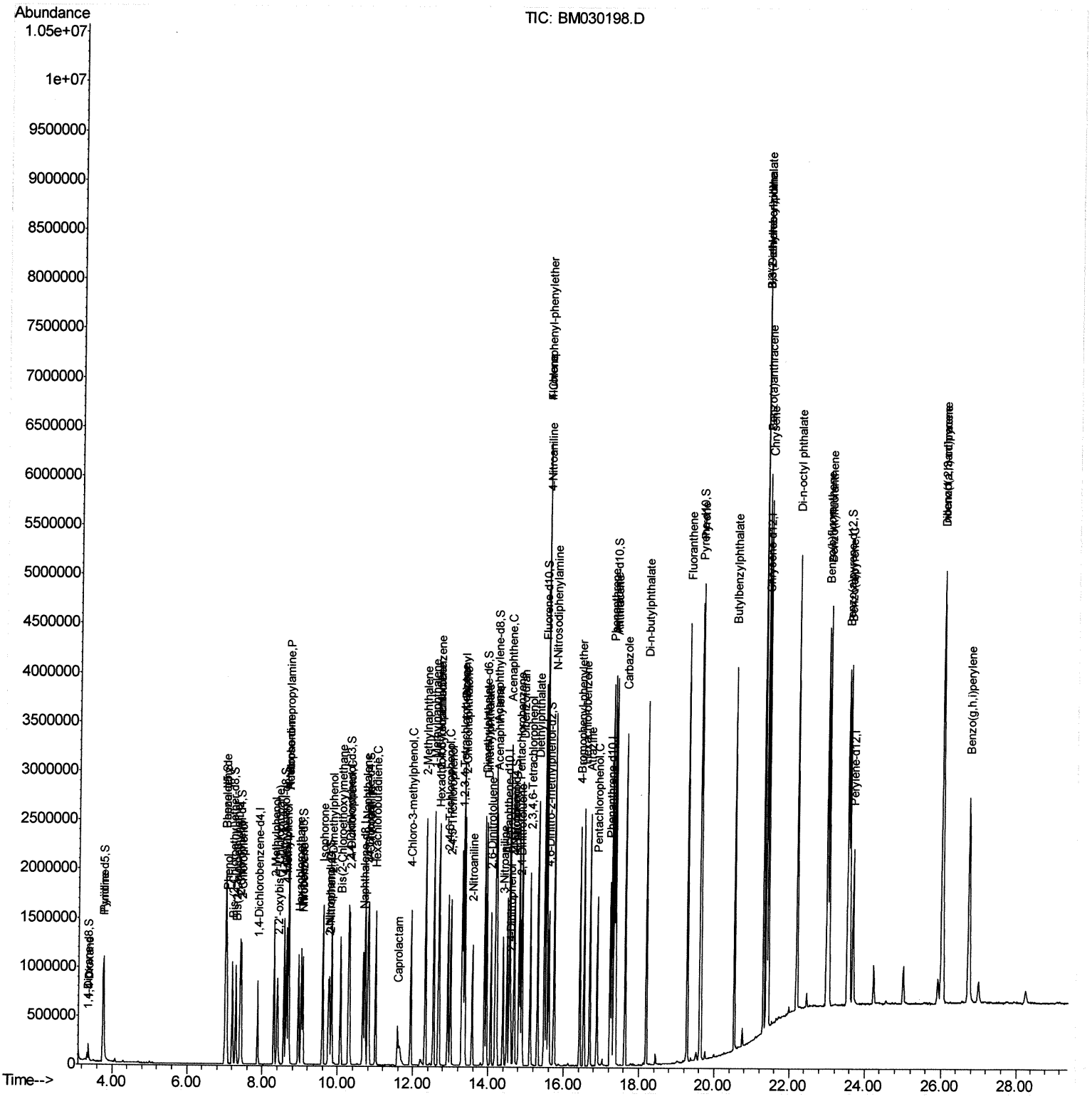

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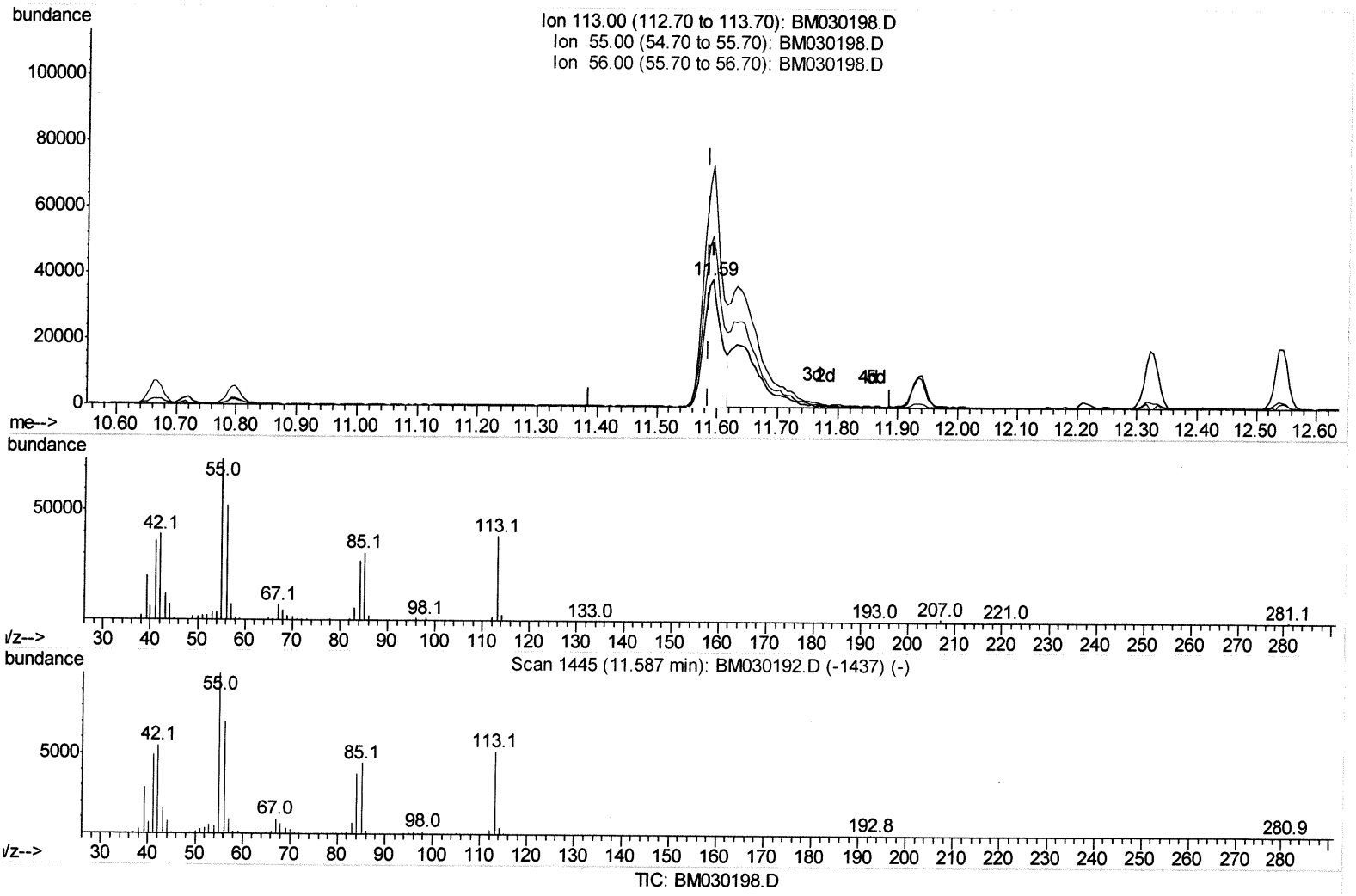

TIC: BM030198.D

(34) Caprolactam

11.592min (+0.005) 17.34ng/ul

response 76821

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	189.75
56.00	134.00	134.93
0.00	0.00	0.00

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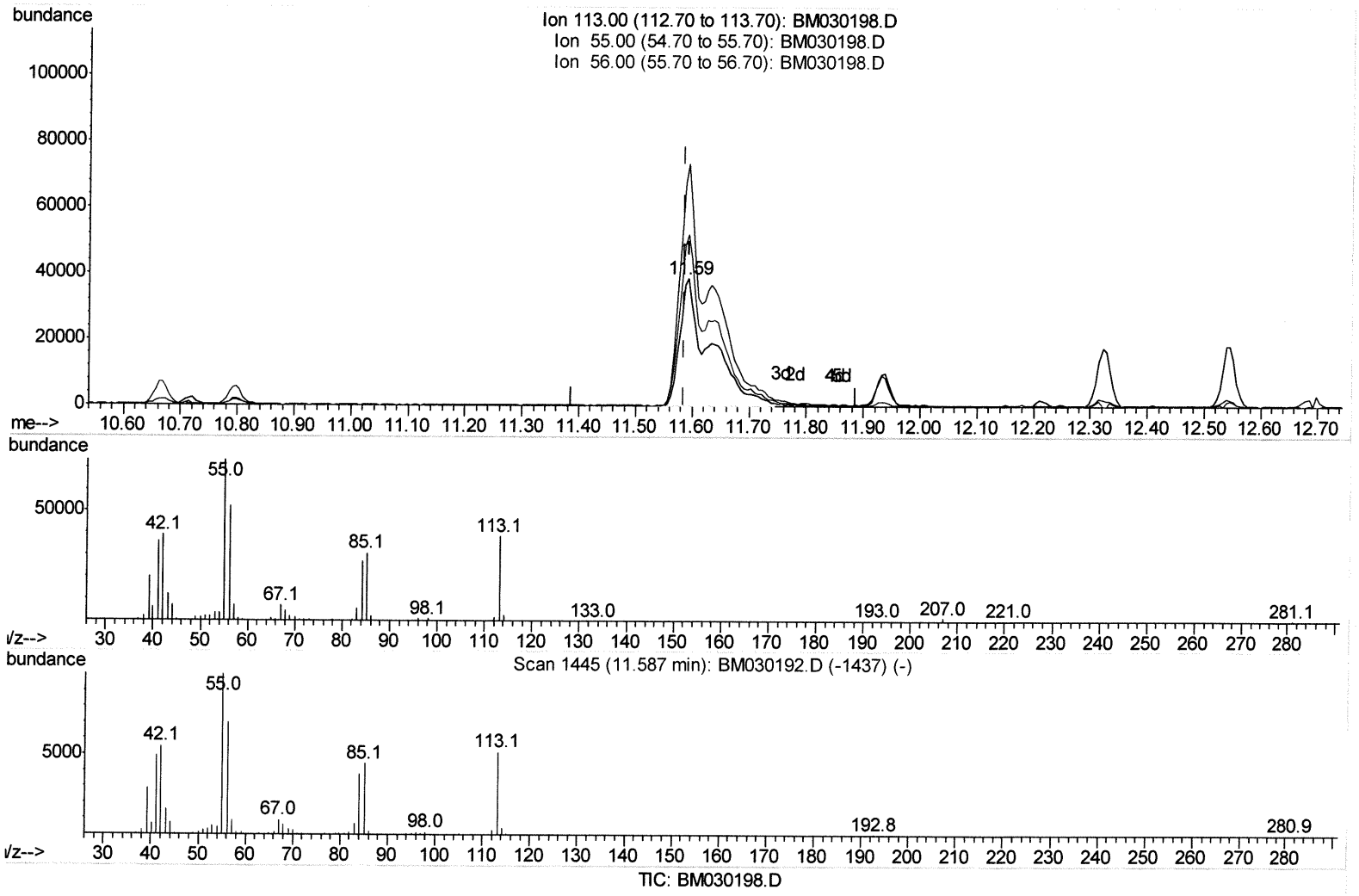

TIC: BM030198.D

(34) Caprolactam

11.592min (+0.005) 32.43ng/ul m JU 5/28/21

response 143665

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	189.75
56.00	134.00	134.93
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	7.87	152	227385	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	937044	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	577900	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1131158	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1146228	20.00	ng/ul	0.00
88) Perylene-d12	23.68	264	1072715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	34944	6.29	ng/uL	0.00
4) Pyridine-d5	3.75	84	473789	30.42	ng/ul	0.00
7) Phenol-d5	7.03	99	719338	35.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	451940	35.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	563393	37.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	562043	35.40	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	264270	43.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	261517	44.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	582664	38.77	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	761708	34.12	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	1698516	38.44	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	2166672	38.04	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	280807	39.33	ng/ul	0.00
60) Fluorene-d10	15.49	176	1471468	38.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	234729	42.81	ng/ul	0.00
73) Anthracene-d10	17.33	188	2155481	38.50	ng/ul	0.00
81) Pyrene-d10	19.61	212	2373847	38.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.54	264	2464749	40.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	83079	13.902	ng/uL	96
5) Pyridine	3.77	79	458613	28.671	ng/ul	99
6) Benzaldehyde	7.02	77	396732	37.189	ng/ul	98
8) Phenol	7.06	94	653170	32.160	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.30	93	516765	31.700	ng/ul	98
12) 2-Chlorophenol	7.44	128	512633	33.428	ng/ul	100
13) 2-Methylphenol	8.30	108	482684	31.431	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.40	45	842755	31.110	ng/ul	99
16) Acetophenone	8.69	105	801579	31.241	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.68	70	419759	31.014	ng/ul	98
18) 4-Methylphenol	8.63	108	525969	31.807	ng/ul	97
19) Hexachloroethane	8.96	117	207339	31.577	ng/ul	98
22) Nitrobenzene	9.07	77	590725	35.676	ng/ul	99
23) Isophorone	9.60	82	1116801	31.987	ng/ul	100
25) 2-Nitrophenol	9.78	139	264290	40.183	ng/ul	97
26) 2,4-Dimethylphenol	9.83	107	495351	28.307	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.07	93	706416	33.011	ng/ul	100
29) 2,4-Dichlorophenol	10.31	162	508177	35.033	ng/ul	99
30) Naphthalene	10.72	128	1666171	32.409	ng/ul	99
32) 4-Chloroaniline	10.82	127	665190	28.784	ng/ul	99
33) Hexachlorobutadiene	11.00	225	324874	32.870	ng/ul	98
34) Caprolactam	11.59	113	143665m	32.428	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.93	107	511187	33.618	ng/ul	99
36) 2-Methylnaphthalene	12.32	142	1218324	31.693	ng/ul	97
37) 1-Methylnaphthalene	12.54	142	1175480	31.453	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	648411	34.580	ng/ul	98
40) Hexachlorocyclopentadiene	12.67	237	322046	24.510	ng/ul	99
41) 2,4,6-Trichlorophenol	12.93	196	400394	38.045	ng/ul	96
42) 2,4,5-Trichlorophenol	13.00	196	442940	38.903	ng/ul	100
43) 1,1'-Biphenyl	13.33	154	1586506	34.423	ng/ul	99
44) 2-Chloronaphthalene	13.37	162	1226627	34.621	ng/ul	99
45) 2-Nitroaniline	13.57	65	323125	39.704	ng/ul	93
47) Dimethylphthalate	13.95	163	1512402	34.655	ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	291307	41.883	ng/ul	93
50) Acenaphthylene	14.22	152	1801550	32.758	ng/ul	100
51) 3-Nitroaniline	14.39	138	293458	36.201	ng/ul#	96
52) Acenaphthene	14.56	153	1321310	34.012	ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	142470	32.626	ng/ul	98
55) 4-Nitrophenol	14.69	109	199307	25.425	ng/ul	98
56) Dibenzofuran	14.89	168	1840935	34.236	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	407354	40.383	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	363831	37.842	ng/ul	100
59) Diethylphthalate	15.32	149	1536876	34.766	ng/ul	99
61) Fluorene	15.54	166	1565115	34.307	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.53	204	772221	34.522	ng/ul	100
63) 4-Nitroaniline	15.55	138	309665	37.151	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	217127	38.383	ng/ul	96
67) N-Nitrosodiphenylamine	15.74	169	1313786	35.609	ng/ul	99
68) 4-Bromophenyl-phenylether	16.43	248	472036	37.076	ng/ul	96
69) Hexachlorobenzene	16.54	284	524020	36.008	ng/ul	99
70) Atrazine	16.69	200	443458	33.510	ng/ul	99
71) Pentachlorophenol	16.88	266	289001	32.517	ng/ul	98
72) Phenanthrene	17.27	178	2357246	35.560	ng/ul	100
74) Anthracene	17.36	178	2372497	34.890	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	635666	34.443	ng/uL	98
76) Pentachlorobenzene	14.82	250	612484	35.777	ng/uL	99
77) Carbazole	17.63	167	2083122	33.806	ng/ul	100
78) Di-n-butylphthalate	18.19	149	2595883	37.927	ng/ul	100
80) Fluoranthene	19.28	202	2672332	35.581	ng/ul	98
82) Pyrene	19.64	202	2781966	35.439	ng/ul	99
83) Butylbenzylphthalate	20.53	149	1075956	40.157	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	859159	35.403	ng/ul	100
85) Benzo(a)anthracene	21.37	228	2687623	35.588	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.30	149	1775109	41.287	ng/ul	99
87) Chrysene	21.43	228	2604630	35.431	ng/ul	100
89) Di-n-octyl phthalate	22.19	149	2913504	42.240	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	2832277	39.399	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	2619957	36.958	ng/ul	99
93) Benzo(a)pyrene	23.59	252	2428176	38.268	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.02	276	3195289	40.204	ng/ul	99
95) Dibenzo(a,h)anthracene	26.03	278	2694184	40.547	ng/ul	98
96) Benzo(g,h,i)perylene	26.73	276	2577125	39.687	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