Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030521.D
Acq On : 22 Jun 2021 18:42
Operator : CG/JU
Sample : PB137201BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 23 01:35:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS201

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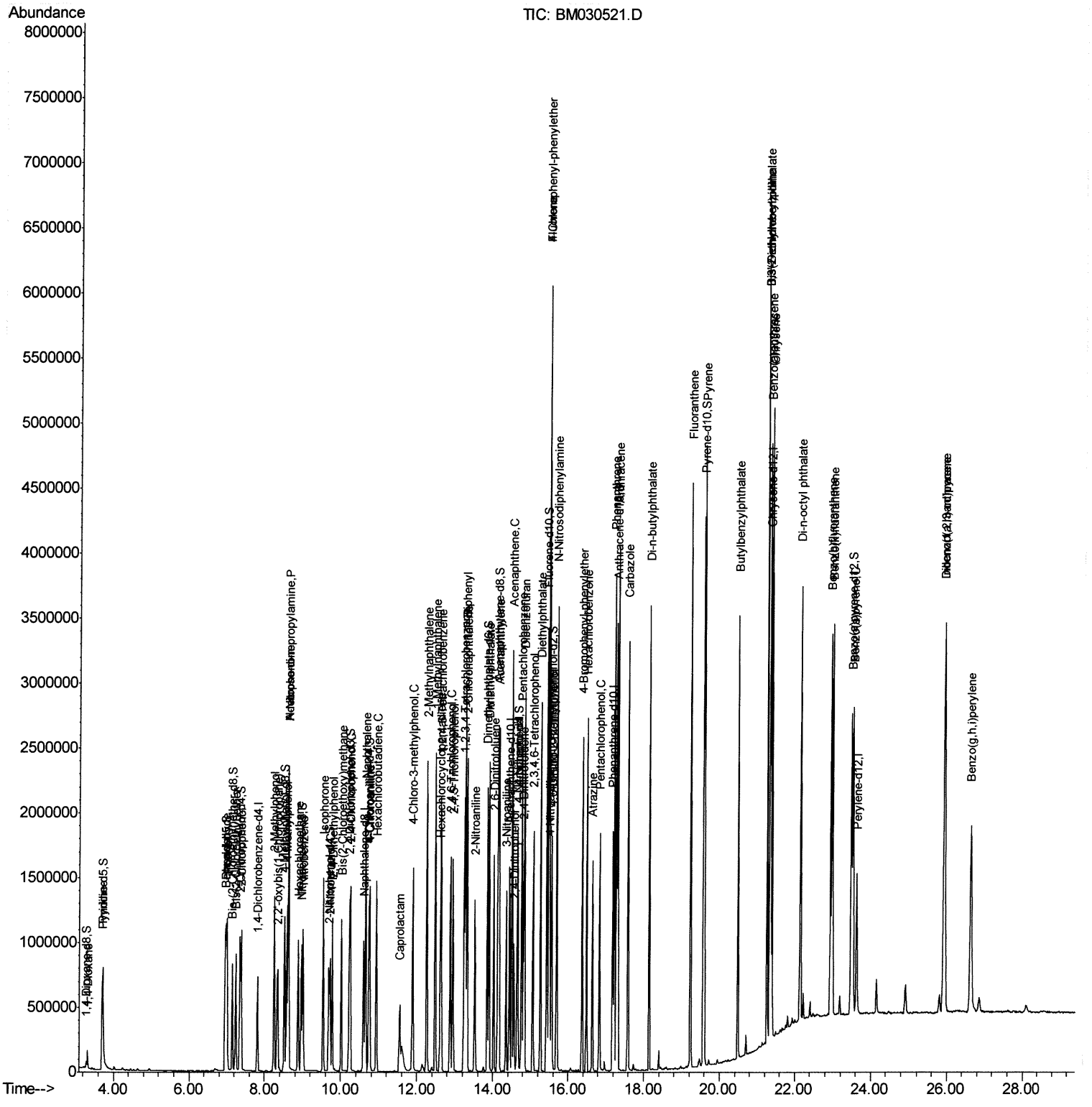

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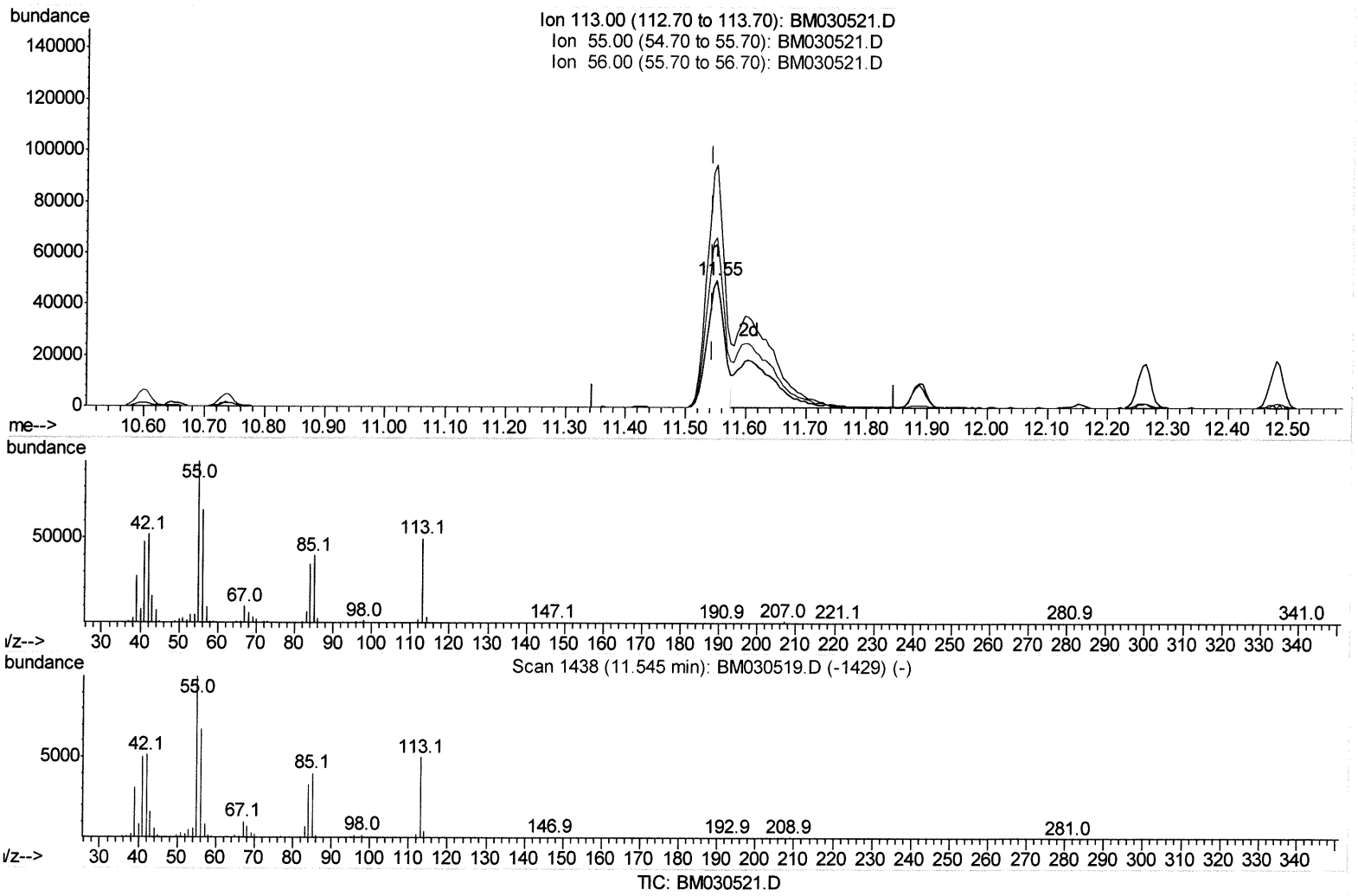

TIC: BM030521.D

(34) Caprolactam

11.551min (+0.006) 26.87ng/ul

response 97511

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	191.28
56.00	127.40	134.26
0.00	0.00	0.00

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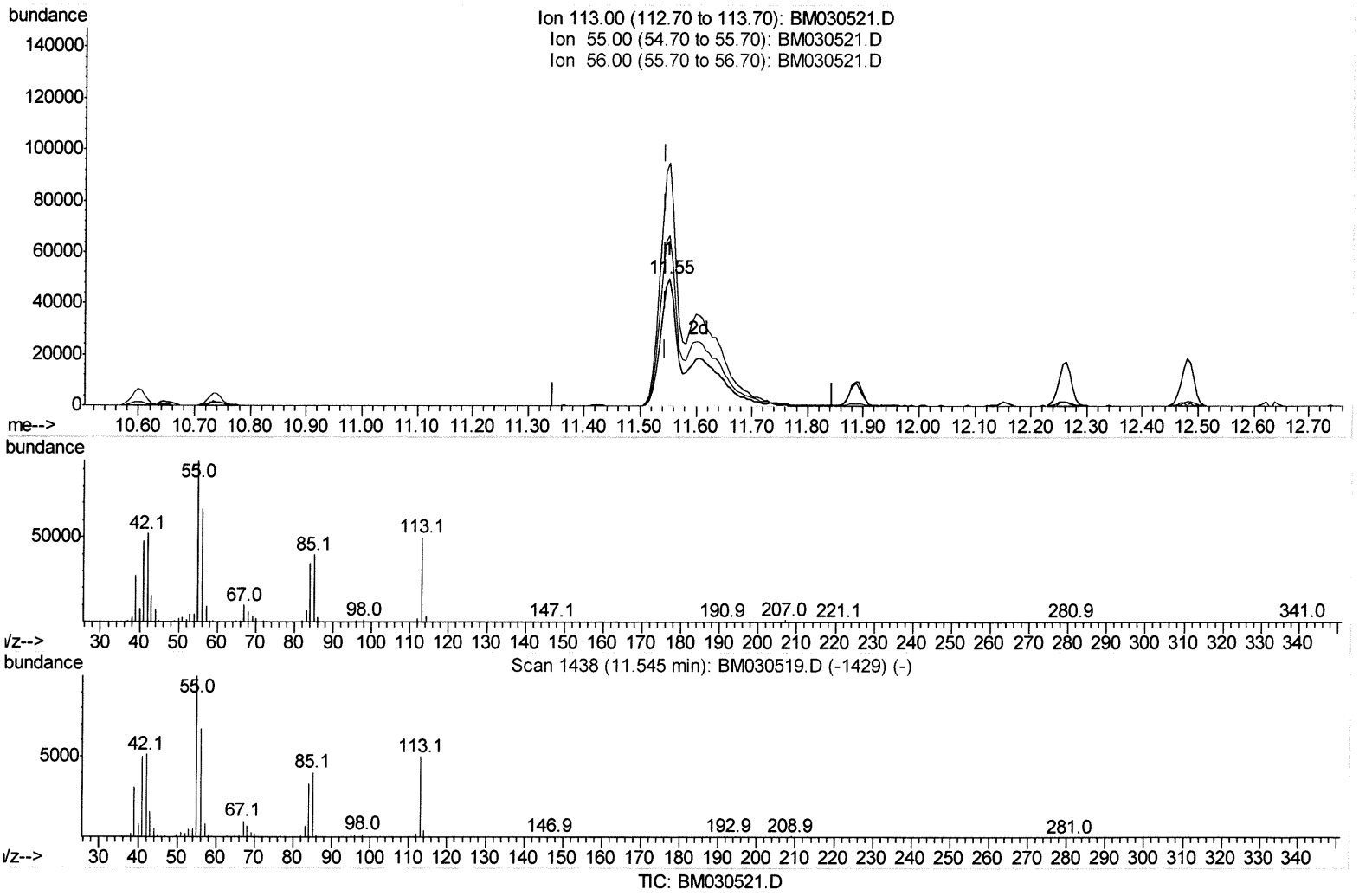

(34) Caprolactam

11.551min (+0.006) 50.00ng/ul m JU 6/28/21

response 181440

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	191.28
56.00	127.40	134.26
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	7.81	152	187635	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	821501	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	543010	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.18	188	1092524	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	926747	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	731755	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	25673	5.55	ng/uL	0.00
4) Pyridine-d5	3.70	84	316044	25.42	ng/ul	0.00
7) Phenol-d5	6.98	99	563636	34.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.15	67	368031	36.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	437493	35.02	ng/ul	0.00
15) 4-Methylphenol-d8	8.52	113	458648	36.42	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	224028	36.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	240191	35.26	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	469319	35.96	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	616805	33.89	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	1490832	39.76	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	1882422	38.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	261907	36.87	ng/ul	0.00
60) Fluorene-d10	15.43	176	1316994	39.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	264898	37.06	ng/ul	0.00
73) Anthracene-d10	17.28	188	1910081	37.46	ng/ul	0.00
81) Pyrene-d10	19.57	212	2047640	42.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.48	264	1609726	42.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	65571	13.321	ng/uL	97
5) Pyridine	3.72	79	372930	27.860	ng/ul	99
6) Benzaldehyde	6.95	77	327250	41.591	ng/ul	95
8) Phenol	7.00	94	571616	34.934	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	463975	35.978	ng/ul	99
12) 2-Chlorophenol	7.37	128	439424	34.910	ng/ul	100
13) 2-Methylphenol	8.25	108	425804	35.911	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.34	45	752825	36.827	ng/ul	99
16) Acetophenone	8.63	105	748561	38.492	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.62	70	395639	41.130	ng/ul	99
18) 4-Methylphenol	8.58	108	470836	36.463	ng/ul	96
19) Hexachloroethane	8.89	117	188356	35.713	ng/ul	97
22) Nitrobenzene	9.01	77	562401	36.367	ng/ul	100
23) Isophorone	9.54	82	1069467	39.936	ng/ul	98
25) 2-Nitrophenol	9.72	139	256407	35.447	ng/ul	97
26) 2,4-Dimethylphenol	9.78	107	393877	26.940	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.02	93	659734	37.866	ng/ul	100
29) 2,4-Dichlorophenol	10.25	162	454656	36.365	ng/ul	100
30) Naphthalene	10.65	128	1502242	36.117	ng/ul	99
32) 4-Chloroaniline	10.76	127	608795	33.696	ng/ul	99
33) Hexachlorobutadiene	10.93	225	304932	36.071	ng/ul	99
34) Caprolactam	11.55	113	181440m	49.999	ng/ul	

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.89	107	501979	40.890	ng/ul	99
36) 2-Methylnaphthalene	12.26	142	1118798	38.546	ng/ul	99
37) 1-Methylnaphthalene	12.48	142	1097452	37.354	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	617060	36.424	ng/ul	100
40) Hexachlorocyclopentadiene	12.61	237	264493	23.925	ng/ul	98
41) 2,4,6-Trichlorophenol	12.87	196	381448	35.752	ng/ul	99
42) 2,4,5-Trichlorophenol	12.95	196	424311	37.264	ng/ul	99
43) 1,1'-Biphenyl	13.27	154	1491265	37.211	ng/ul	100
44) 2-Chloronaphthalene	13.32	162	1169173	37.109	ng/ul	100
45) 2-Nitroaniline	13.52	65	357925	42.272	ng/ul	96
47) Dimethylphthalate	13.90	163	1515870	41.264	ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	313598	44.305	ng/ul	96
50) Acenaphthylene	14.16	152	1741552	38.577	ng/ul	99
51) 3-Nitroaniline	14.35	138	316880	42.026	ng/ul	94
52) Acenaphthene	14.50	153	1286686	39.273	ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	205177	44.095	ng/ul	98
55) 4-Nitrophenol	14.66	109	244061	42.948	ng/ul	99
56) Dibenzofuran	14.84	168	1793238	39.262	ng/ul	98
57) 2,4-Dinitrotoluene	14.81	165	438403	44.236	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.07	232	354060	38.411	ng/ul	99
59) Diethylphthalate	15.26	149	1536565	43.541	ng/ul	99
61) Fluorene	15.49	166	1544764	41.039	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.49	204	781193	41.673	ng/ul	97
63) 4-Nitroaniline	15.52	138	334464	46.582	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.57	198	261390	37.578	ng/ul	96
67) N-Nitrosodiphenylamine	15.70	169	1302902	40.014	ng/ul	100
68) 4-Bromophenyl-phenylether	16.37	248	465988	41.801	ng/ul	98
69) Hexachlorobenzene	16.49	284	531262	41.201	ng/ul	100
70) Atrazine	16.64	200	286119	24.774	ng/ul	98
71) Pentachlorophenol	16.83	266	301957	37.371	ng/ul	98
72) Phenanthrene	17.23	178	2359856	40.222	ng/ul	99
74) Anthracene	17.32	178	2324361	38.747	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.24	216	617837	35.456	ng/uL	99
76) Pentachlorobenzene	14.76	250	600982	36.206	ng/uL	99
77) Carbazole	17.59	167	2082030	38.705	ng/ul	99
78) Di-n-butylphthalate	18.14	149	2517350	45.926	ng/ul	100
80) Fluoranthene	19.23	202	2589919	43.670	ng/ul	99
82) Pyrene	19.60	202	2690394	43.173	ng/ul	99
83) Butylbenzylphthalate	20.49	149	955609	46.586	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.27	252	696069	38.103	ng/ul	98
85) Benzo(a)anthracene	21.33	228	2271101	39.489	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.26	149	1356028	45.961	ng/ul	98
87) Chrysene	21.39	228	2191085	39.080	ng/ul	98
89) Di-n-octyl phthalate	22.14	149	2083676	49.500	ng/ul	100
90) Benzo(b)fluoranthene	22.94	252	2129335	45.834	ng/ul	99
91) Benzo(k)fluoranthene	22.98	252	1945821	43.582	ng/ul	100
93) Benzo(a)pyrene	23.53	252	1776542	42.528	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	2187703	41.600	ng/ul	98
95) Dibenzo(a,h)anthracene	25.94	278	1839693	42.199	ng/ul	99
96) Benzo(g,h,i)perylene	26.63	276	1788075	40.753	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