

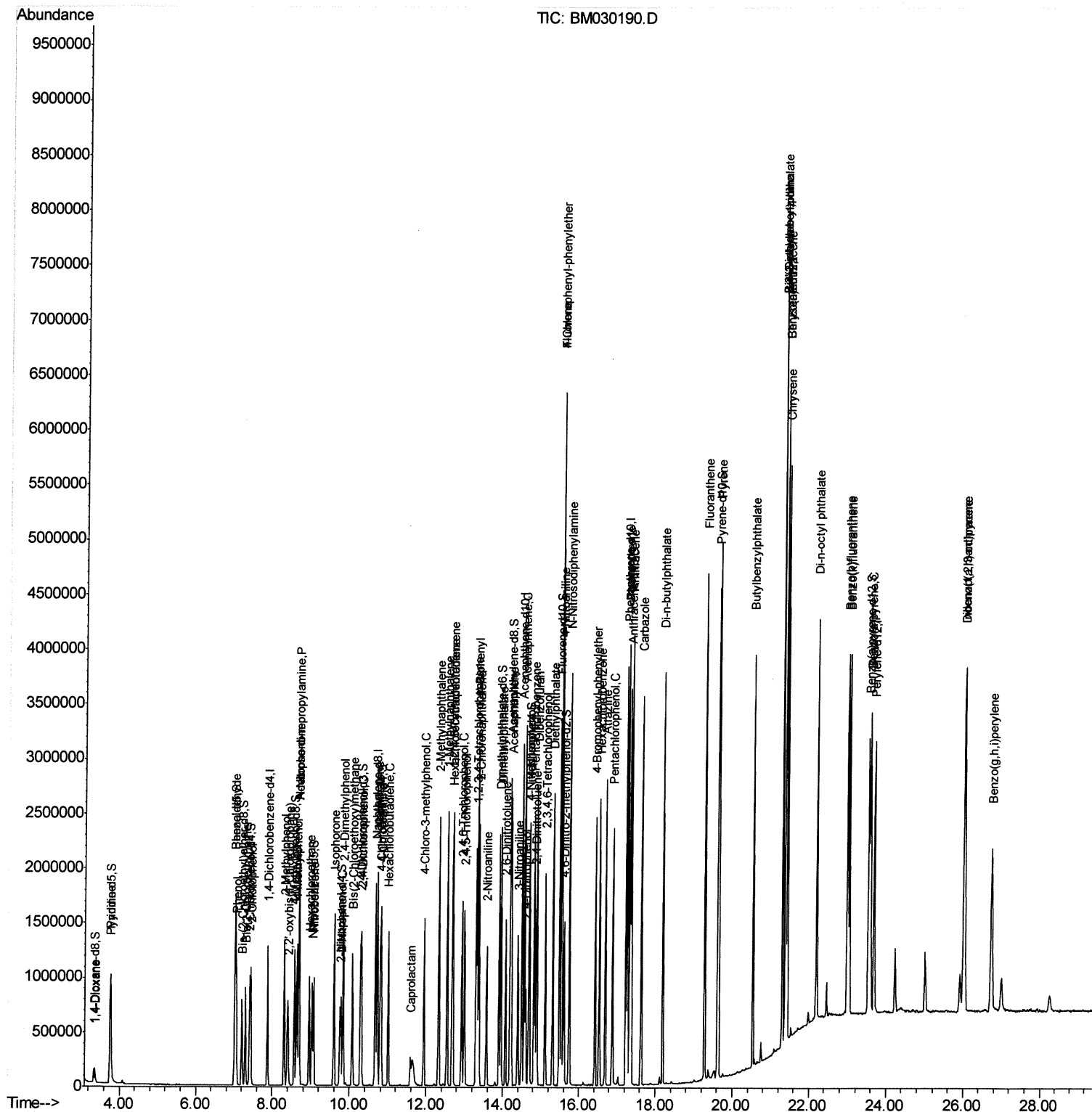
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052621\
 Data File : BM030190.D
 Acq On : 27 May 2021 05:11
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC020EC

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:34:09 AM

Quant Time: Mav 27 06:15:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 15:30:24 2021
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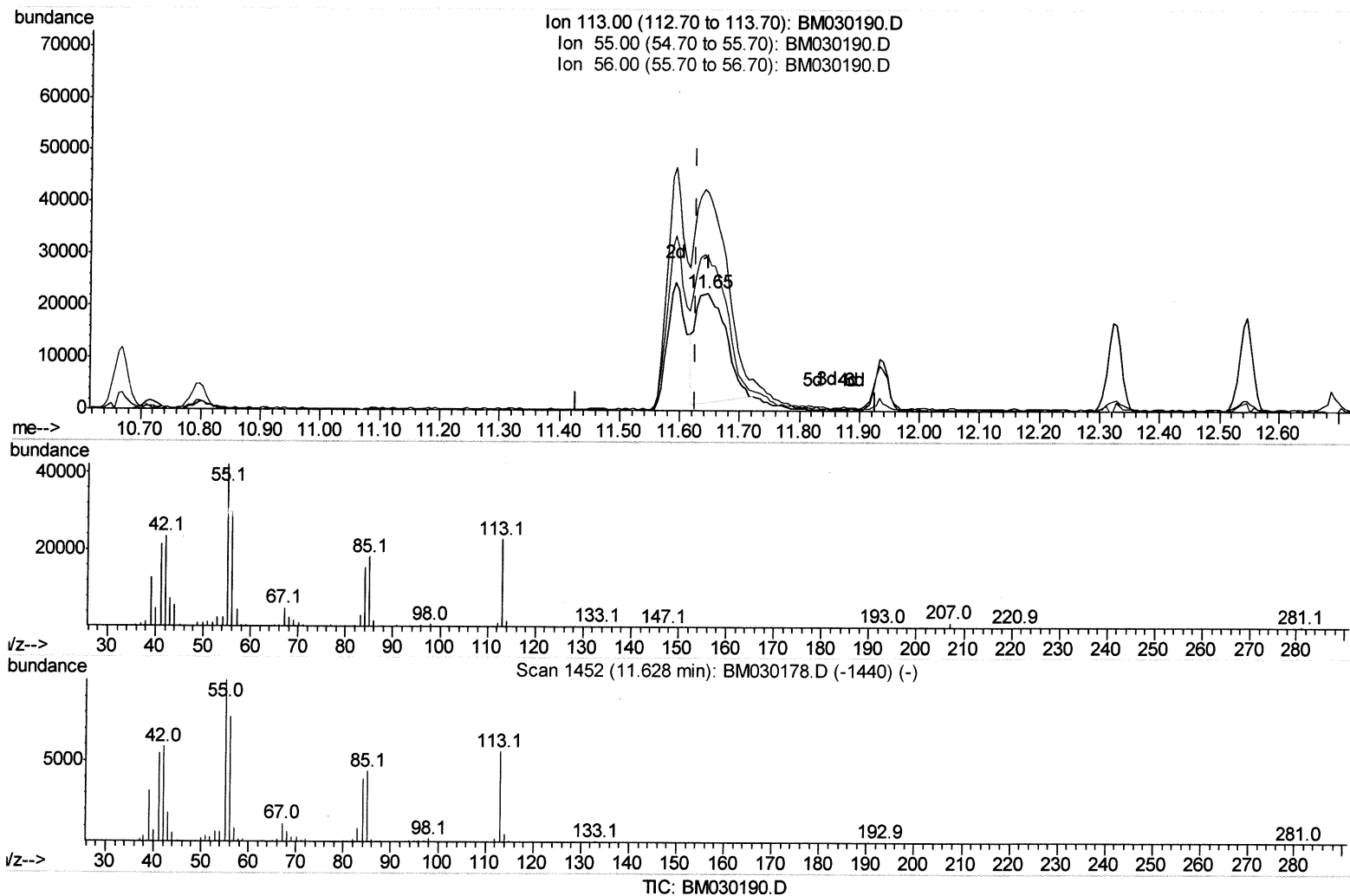
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(34) Caprolactam

11.645min (+0.018) 10.51ng/ul

response 75273

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	184.71
56.00	134.00	130.58
0.00	0.00	0.00

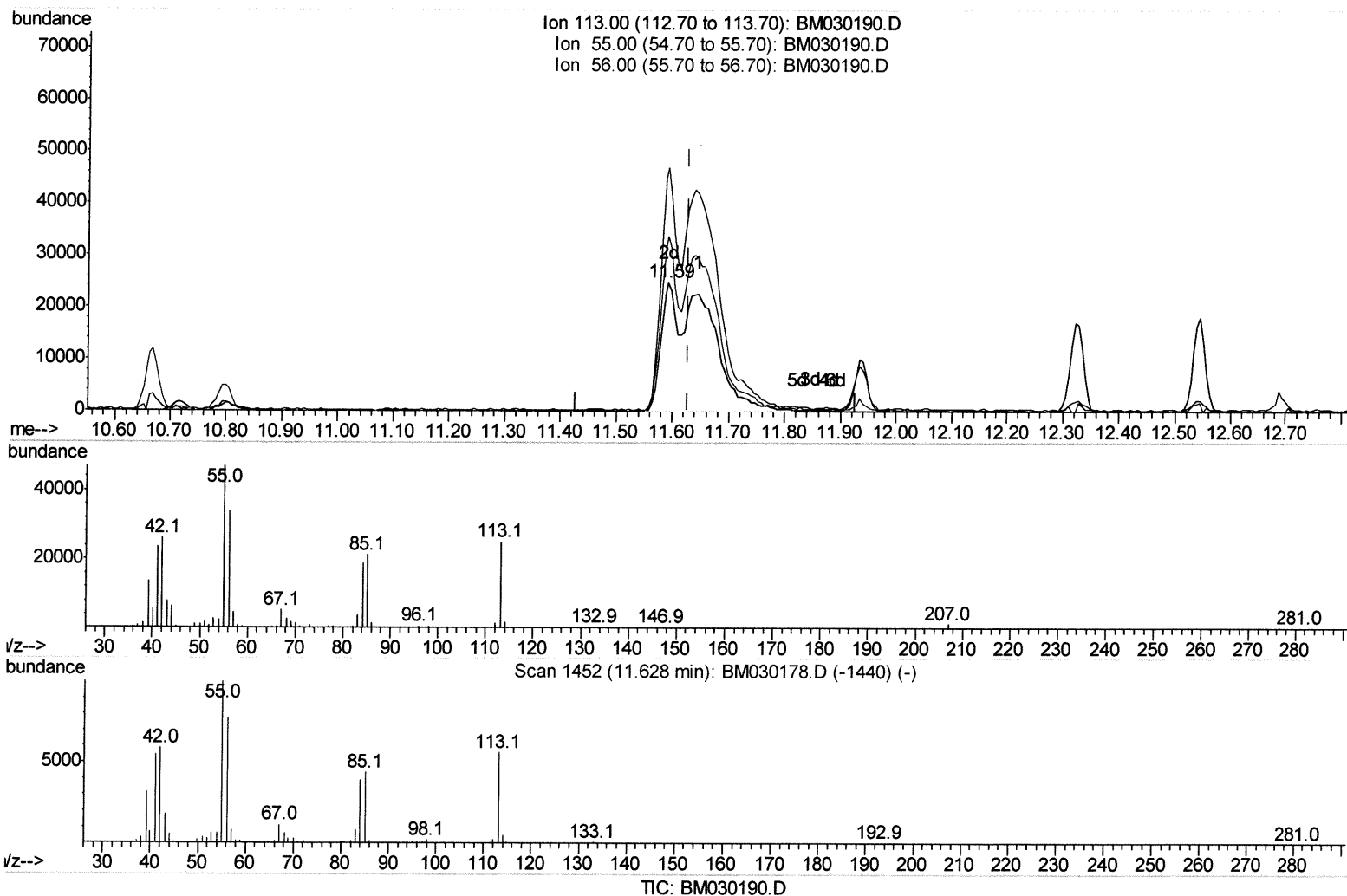
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(34) Caprolactam

11.593min (-0.035) 20.49ng/ul m JU 5/28/21

response 146828

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	189.04
56.00	134.00	135.57
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	7.88	152	339401	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	1515422	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	1055832	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	2226378	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	2047855	20.00	ng/ul	0.00
88) Perylene-d12	23.68	264	1720049	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	60337	7.28	ng/uL	0.00
4) Pyridine-d5	3.75	84	423843	18.23	ng/ul	0.00
7) Phenol-d5	7.03	99	564932	18.93	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	356664	18.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	442330	19.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	463331	19.55	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	209852	21.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	210855	22.38	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	480998	19.79	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	672452	18.63	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	1502000	18.61	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1918572	18.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	263240	20.18	ng/ul	0.00
60) Fluorene-d10	15.49	176	1300638	18.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	214624	19.89	ng/ul	0.00
73) Anthracene-d10	17.33	188	2013254	18.27	ng/ul	0.00
81) Pyrene-d10	19.61	212	2216614	20.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	1817669	18.64	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.38	88	64341	7.213	ng/uL	97
5) Pyridine	3.77	79	444327	18.610	ng/ul	98
6) Benzaldehyde	7.02	77	372378	23.386	ng/ul	97
8) Phenol	7.06	94	576803	19.027	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.30	93	464599	19.094	ng/ul	97
12) 2-Chlorophenol	7.44	128	449895	19.655	ng/ul	99
13) 2-Methylphenol	8.31	108	440678	19.225	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.40	45	763273	18.877	ng/ul	99
16) Acetophenone	8.69	105	744079	19.429	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.68	70	403323	19.965	ng/ul	99
18) 4-Methylphenol	8.63	108	487638	19.757	ng/ul	96
19) Hexachloroethane	8.96	117	184524	18.828	ng/ul	95
22) Nitrobenzene	9.07	77	538890	20.124	ng/ul	99
23) Isophorone	9.60	82	1073679	19.015	ng/ul	100
25) 2-Nitrophenol	9.78	139	239223	22.490	ng/ul	99
26) 2,4-Dimethylphenol	9.83	107	542202	19.159	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.07	93	656672	18.975	ng/ul	99
29) 2,4-Dichlorophenol	10.31	162	466794	19.898	ng/ul	100
30) Naphthalene	10.72	128	1537293	18.490	ng/ul	100
32) 4-Chloroaniline	10.82	127	694982	18.596	ng/ul	100
33) Hexachlorobutadiene	11.00	225	291942	18.264	ng/ul	99
34) Caprolactam	11.59	113	146828m	20.493	ng/ul	99

JU 5/28/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.93	107	498203	20.259	ng/ul	98
36) 2-Methylnaphthalene	12.32	142	1164180	18.726	ng/ul	98
37) 1-Methylnaphthalene	12.55	142	1151306	19.049	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	618480	18.054	ng/ul	98
40) Hexachlorocyclopentadiene	12.67	237	392506	16.350	ng/ul	98
41) 2,4,6-Trichlorophenol	12.93	196	383382	19.939	ng/ul	97
42) 2,4,5-Trichlorophenol	13.00	196	421044	20.241	ng/ul	99
43) 1,1'-Biphenyl	13.33	154	1523490	18.093	ng/ul	100
44) 2-Chloronaphthalene	13.37	162	1160258	17.924	ng/ul	99
45) 2-Nitroaniline	13.57	65	327383	22.018	ng/ul	95
47) Dimethylphthalate	13.95	163	1493542	18.731	ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	287309	22.609	ng/ul	94
50) Acenaphthylene	14.22	152	1839255	18.305	ng/ul	99
51) 3-Nitroaniline	14.40	138	312275	21.085	ng/ul#	93
52) Acenaphthene	14.56	153	1296248	18.263	ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	225418	28.255	ng/ul	97
55) 4-Nitrophenol	14.69	109	320382	22.370	ng/ul	99
56) Dibenzofuran	14.89	168	1783086	18.150	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	409844	22.238	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	364462	20.748	ng/ul	99
59) Diethylphthalate	15.32	149	1518690	18.804	ng/ul	99
61) Fluorene	15.54	166	1530156	18.358	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.53	204	747137	18.282	ng/ul	99
63) 4-Nitroaniline	15.56	138	334890	21.990	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	220524	19.807	ng/ul	99
67) N-Nitrosodiphenylamine	15.75	169	1334021	18.371	ng/ul	99
68) 4-Bromophenyl-phenylether	16.43	248	464134	18.522	ng/ul	98
69) Hexachlorobenzene	16.54	284	518064	18.087	ng/ul	98
70) Atrazine	16.69	200	471013	18.083	ng/ul	99
71) Pentachlorophenol	16.88	266	382669	21.876	ng/ul	98
72) Phenanthrene	17.27	178	2391081	18.326	ng/ul	99
74) Anthracene	17.36	178	2458547	18.370	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	651491	17.935	ng/uL	98
76) Pentachlorobenzene	14.82	250	606393	17.997	ng/uL	98
77) Carbazole	17.63	167	2198027	18.123	ng/ul	100
78) Di-n-butylphthalate	18.19	149	2584676	19.186	ng/ul	100
80) Fluoranthene	19.28	202	2729078	20.338	ng/ul	97
82) Pyrene	19.64	202	2832576	20.197	ng/ul	99
83) Butylbenzylphthalate	20.53	149	1018694	21.280	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	824405	19.014	ng/ul	98
85) Benzo(a)anthracene	21.37	228	2505968	18.573	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.30	149	1502871	19.565	ng/ul	99
87) Chrysene	21.42	228	2407430	18.330	ng/ul	100
89) Di-n-octyl phthalate	22.19	149	2280371	20.619	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	2246402	19.489	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	2153326	18.944	ng/ul	99
93) Benzo(a)pyrene	23.58	252	1918818	18.860	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.02	276	2242446	17.596	ng/ul	100
95) Dibenzo(a,h)anthracene	26.03	278	1882932	17.673	ng/ul	99
96) Benzo(g,h,i)perylene	26.73	276	1791566	17.206	ng/ul	99

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