

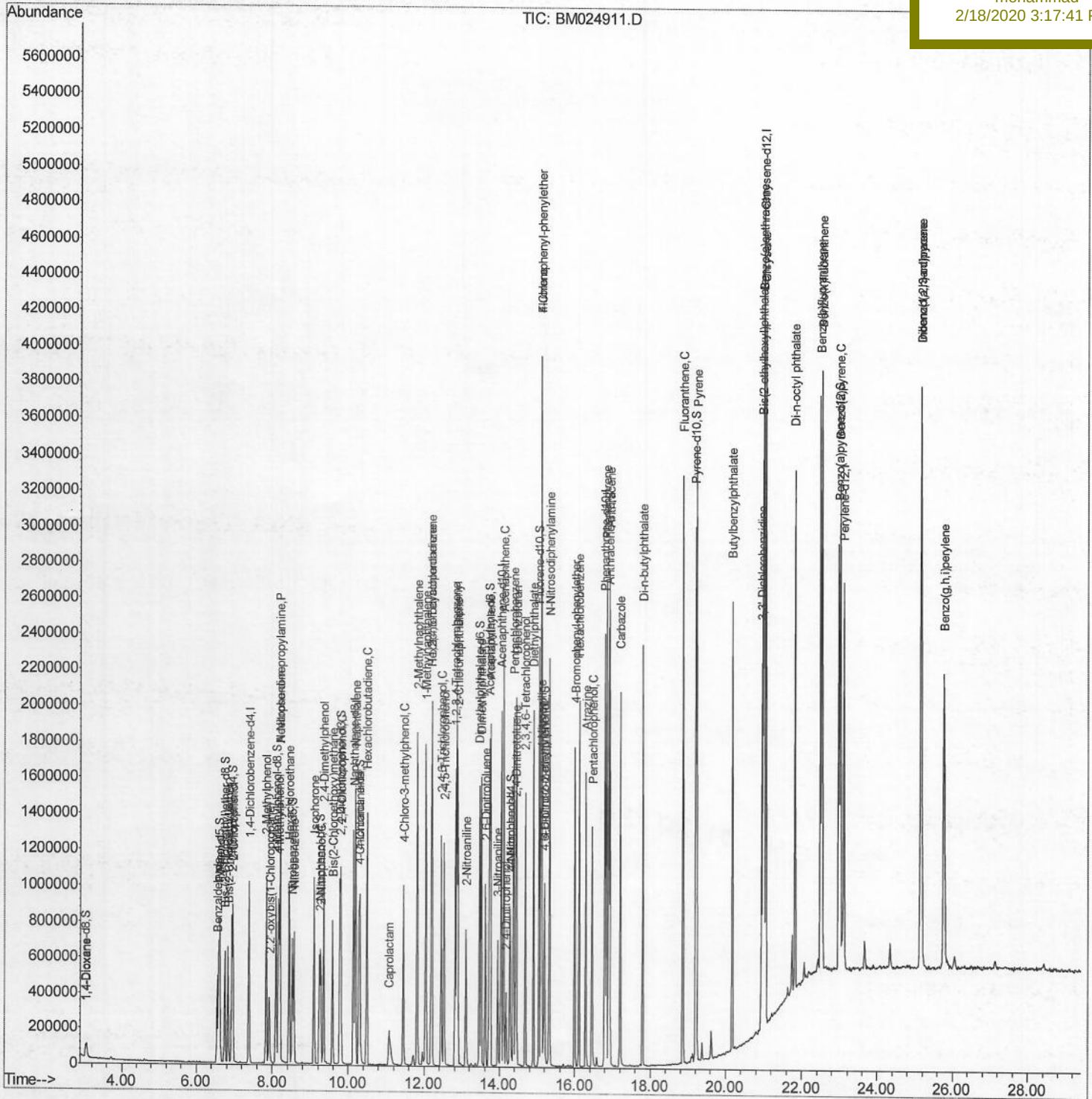
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024911.D
Acq On : 17 Feb 2020 18:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 18 01:33:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02020

Manual Integrations

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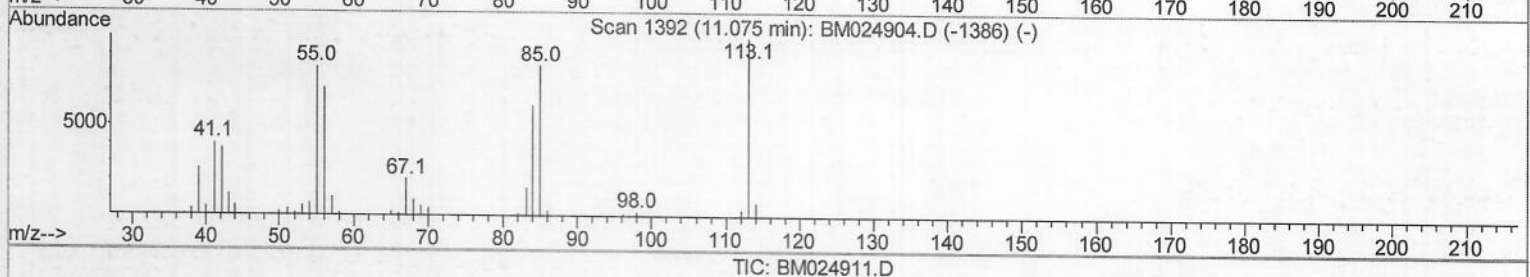
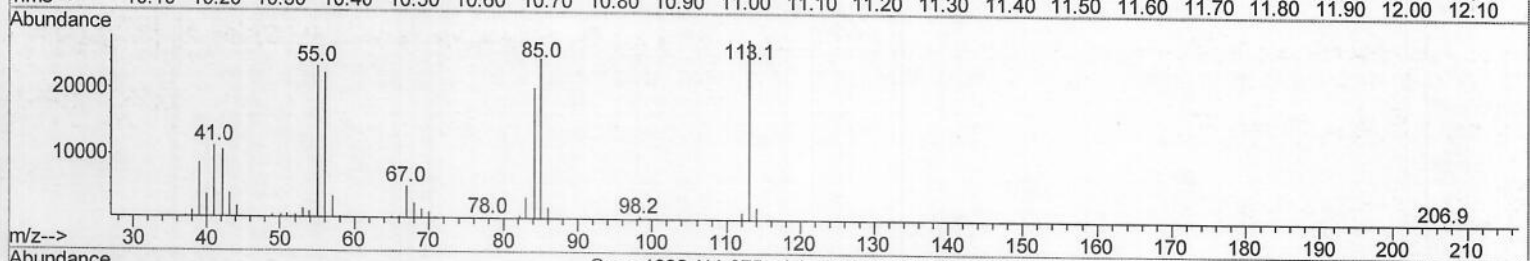
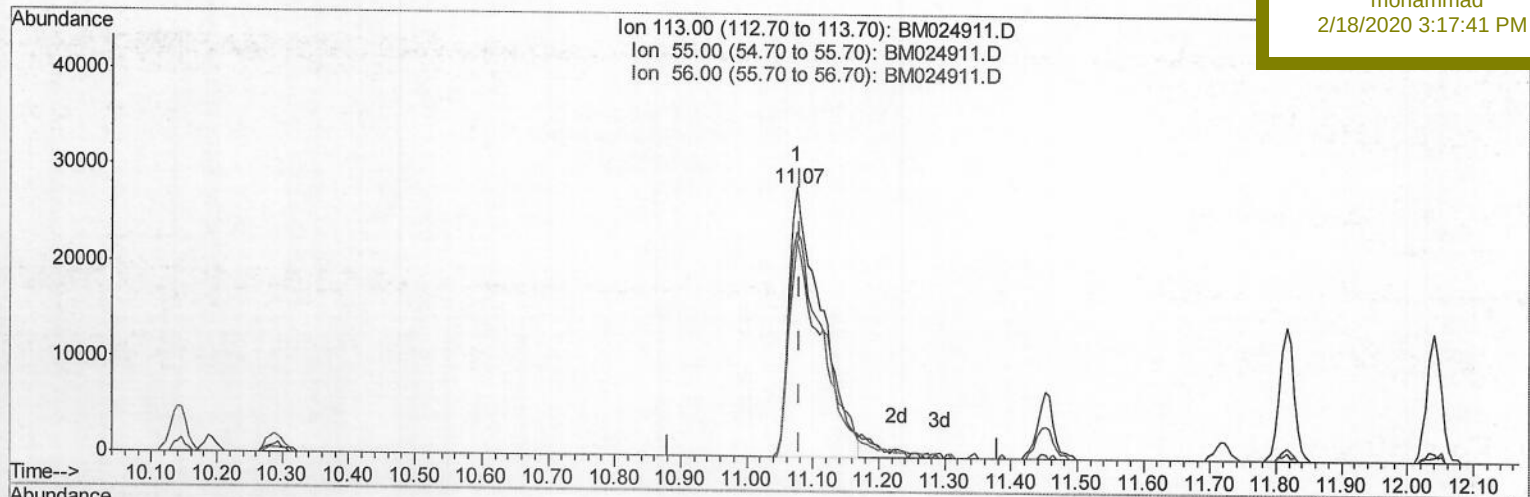
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(32) Caprolactam

11.075min (-0.006) 19.54ng/ul

response 95559

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	83.51#
56.00	89.90	80.37
0.00	0.00	0.00

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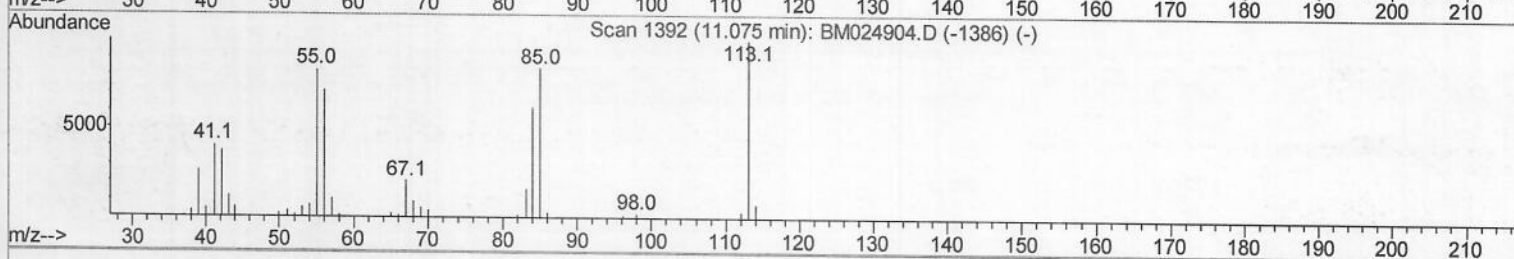
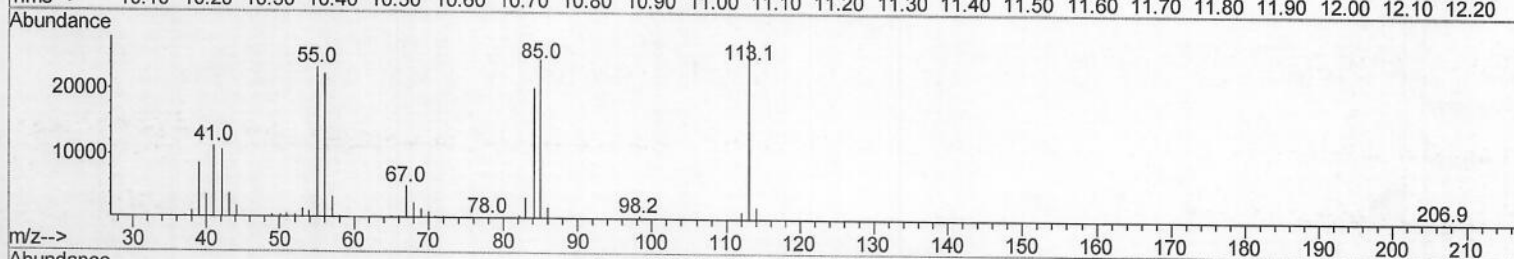
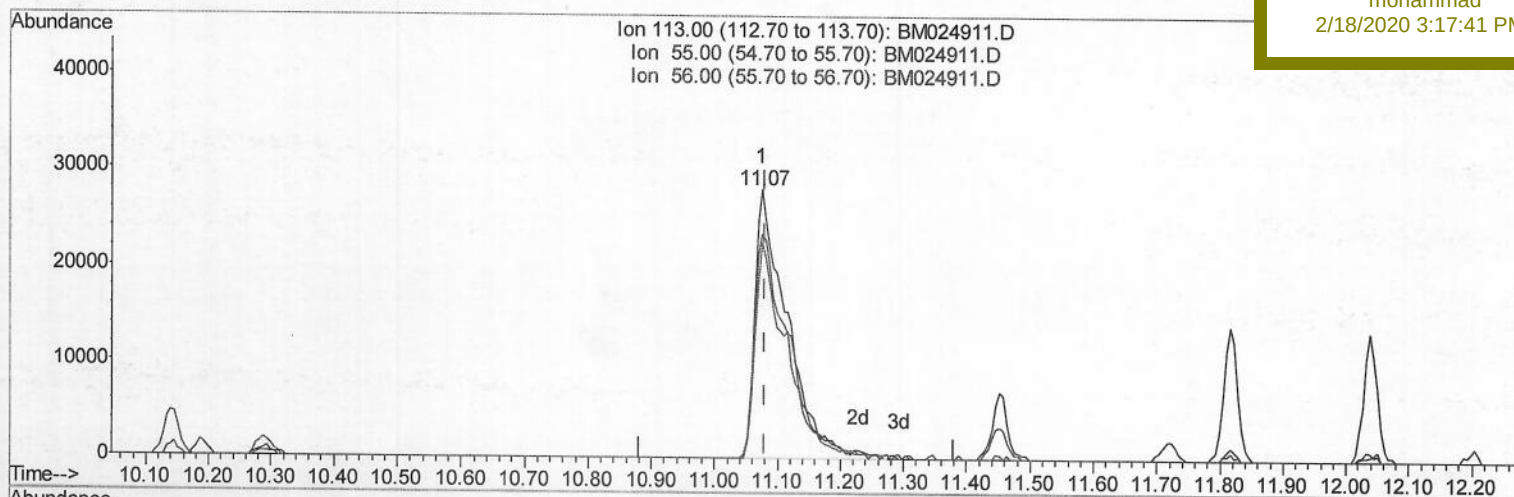
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TIC: BM024911.D

(32) Caprolactam

11.075min (-0.006) 20.68ng/ul m >JU 02/18/20

response 101130

Ion	Exp%	Act%
113.00	100	100
55.00	107.70	83.51#
56.00	89.90	80.37
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	7.39	152	298167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1095974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	675214	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1409776	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1358859	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1518887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	62313	10.05	ng/uL	0.00
5) Phenol-d5	6.59	99	460254	23.24	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.75	67	273029	24.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	387250	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	357493	21.39	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	183417	23.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	211883	22.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	402165	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	432999	24.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1069209	20.98	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1271486	21.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	167898	20.27	ng/ul	0.00
58) Fluorene-d10	15.04	176	929328	20.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	181635	19.77	ng/ul	0.00
71) Anthracene-d10	16.89	188	1387051	21.55	ng/ul	0.00
79) Pyrene-d10	19.20	212	1548756	22.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1674301	21.95	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.07	88	64070	9.801 ng/uL#	87
4) Benzaldehyde	6.55	77	194721	14.947 ng/ul	98
6) Phenol	6.62	94	492258	23.611 ng/ul	94
8) Bis-(2-Chloroethyl) ether	6.83	93	394745	23.447 ng/ul	98
10) 2-Chlorophenol	6.96	128	417181	23.058 ng/ul	97
11) 2-Methylphenol	7.84	108	361050	22.311 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	203237	15.351 ng/ul#	72
14) Acetophenone	8.20	105	586280	22.260 ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.20	70	276392	22.202 ng/ul#	87
16) 4-Methylphenol	8.17	108	390883	22.371 ng/ul	96
17) Hexachloroethane	8.45	117	184782	22.650 ng/ul	87
20) Nitrobenzene	8.57	77	452509	24.048 ng/ul	94
21) Isophorone	9.10	82	812994	23.825 ng/ul	94
23) 2-Nitrophenol	9.27	139	232771	23.095 ng/ul	95
24) 2,4-Dimethylphenol	9.35	107	429559	22.813 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.59	93	507432	23.707 ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	406082	21.767 ng/ul	98
28) Naphthalene	10.19	128	1231028	21.984 ng/ul	99
30) 4-Chloroaniline	10.31	127	447863	25.393 ng/ul	98
31) Hexachlorobutadiene	10.49	225	309484	19.971 ng/ul	98
32) Caprolactam	11.07	113	101130m)	20.679 ng/ul	99
33) 4-Chloro-3-methylphenol	11.45	107	370900	21.426 ng/ul	99
34) 2-Methylnaphthalene	11.82	142	893306	21.656 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.04	142	837576	20.360	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	542946	22.739	ng/ul	97
38) Hexachlorocyclopentadiene	12.19	237	302880	17.988	ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	333068	22.662	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	350979	22.848	ng/ul	98
41) 1,1'-Biophenyl	12.86	154	1149071	23.053	ng/ul#	98
42) 2-Chloronaphthalene	12.89	162	908702	22.328	ng/ul	98
43) 2-Nitroaniline	13.11	65	218158	25.421	ng/ul	96
45) Dimethylphthalate	13.51	163	1078727	20.288	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	232980	21.669	ng/ul	97
48) Acenaphthylene	13.75	152	1324300	21.479	ng/ul	98
49) 3-Nitroaniline	13.95	138	194962	24.074	ng/ul	87
50) Acenaphthene	14.10	153	905324	21.743	ng/ul	97
51) 2,4-Dinitrophenol	14.17	184	112424	17.164	ng/ul	96
53) 4-Nitrophenol	14.28	109	132807	19.634	ng/ul	90
54) Dibenzofuran	14.45	168	1355220	21.835	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	320306	20.874	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.68	232	318906	21.246	ng/ul	97
57) Diethylphthalate	14.90	149	1039997	19.768	ng/ul	99
59) Fluorene	15.10	166	1049156	20.510	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	590669	20.055	ng/ul	98
61) 4-Nitroaniline	15.12	138	206062	20.546	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.19	198	197907	20.121	ng/ul	97
65) N-Nitrosodiphenylamine	15.32	169	924306	23.472	ng/ul	98
66) 4-Bromophenyl-phenylether	16.00	248	383491	21.709	ng/ul	99
67) Hexachlorobenzene	16.11	284	448084	21.463	ng/ul	100
68) Atrazine	16.29	200	339341	20.055	ng/ul	99
69) Pentachlorophenol	16.46	266	262357	21.001	ng/ul	99
70) Phenanthrene	16.83	178	1658567	21.577	ng/ul	100
72) Anthracene	16.93	178	1690747	21.688	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	532029	22.983	ng/uL	99
74) Pentachlorobenzene	14.37	250	528863	21.528	ng/uL	98
75) Carbazole	17.20	167	1428686	21.998	ng/ul	99
76) Di-n-butylphthalate	17.80	149	1690560	20.459	ng/ul	100
77) Fluoranthene	18.86	202	1965655	20.831	ng/ul#	95
80) Pvrene	19.23	202	1993678	22.165	ng/ul#	93
81) Butylbenzylphthalate	20.17	149	753341	22.391	ng/ul	92
82) 3,3'-Dichlorobenzidine	20.94	252	654244	20.597	ng/ul	97
83) Benzo(a)anthracene	20.99	228	2062896	22.537	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1096238	20.585	ng/ul	99
85) Chrysene	21.04	228	1928947	21.406	ng/ul	100
87) Di-n-octyl phthalate	21.82	149	1818078	20.030	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2155930	22.322	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	1982780	21.329	ng/ul	99
91) Benzo(a)pyrene	23.02	252	1972713	22.782	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	2341109	21.717	ng/ul	98
93) Dibenzo(a,h)anthracene	25.16	278	1984156	21.602	ng/ul	99
94) Benzo(a,h,i)perylene	25.77	276	1946992	21.716	ng/ul	99

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