Quantitation Report (QT Reviewed)

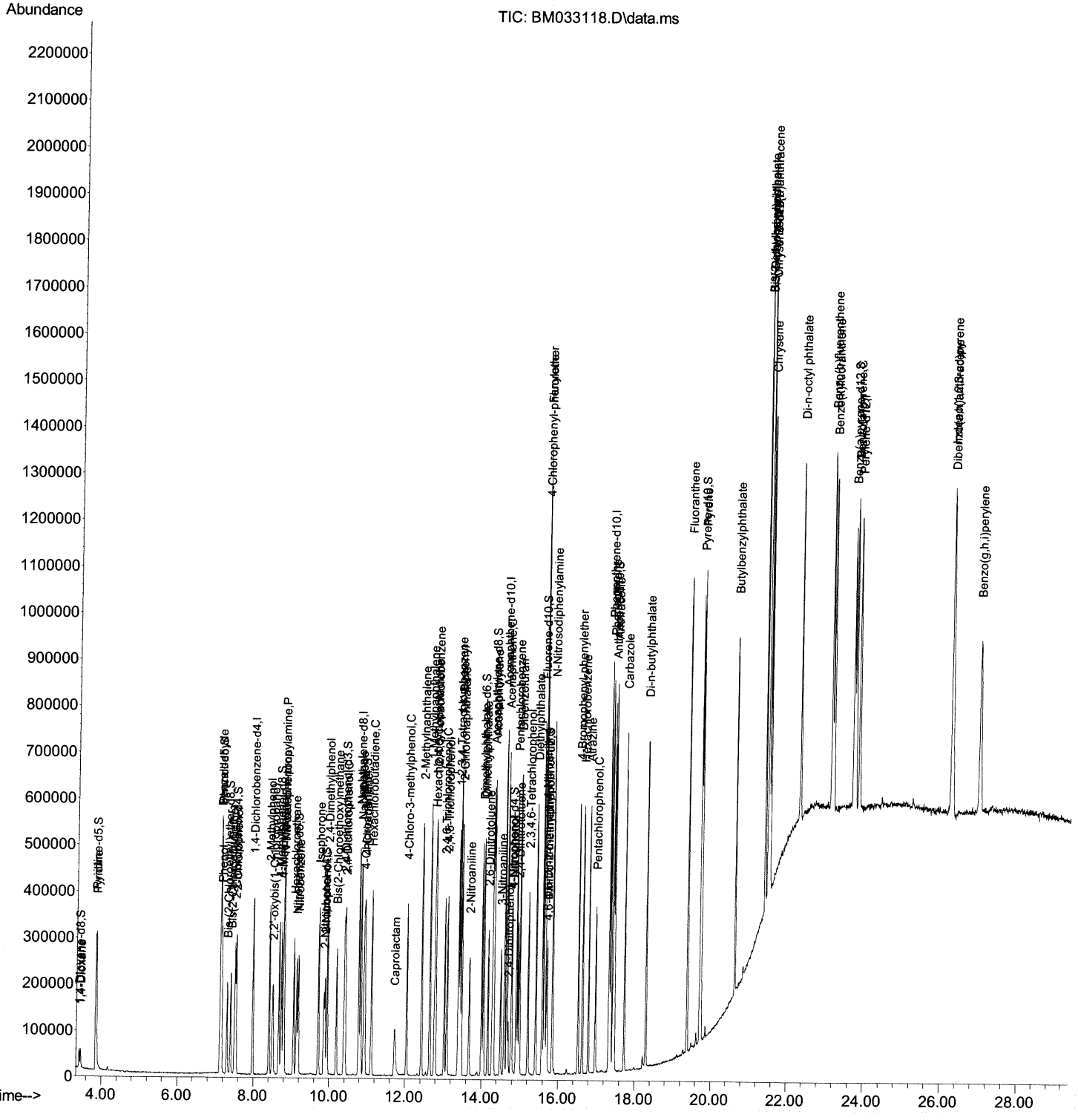
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033118.D
Acq On : 17 Nov 2021 11:48
Operator : CG/JU
Sample : SSTD02006
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 17 12:32:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 12:32:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020006

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/26/2021



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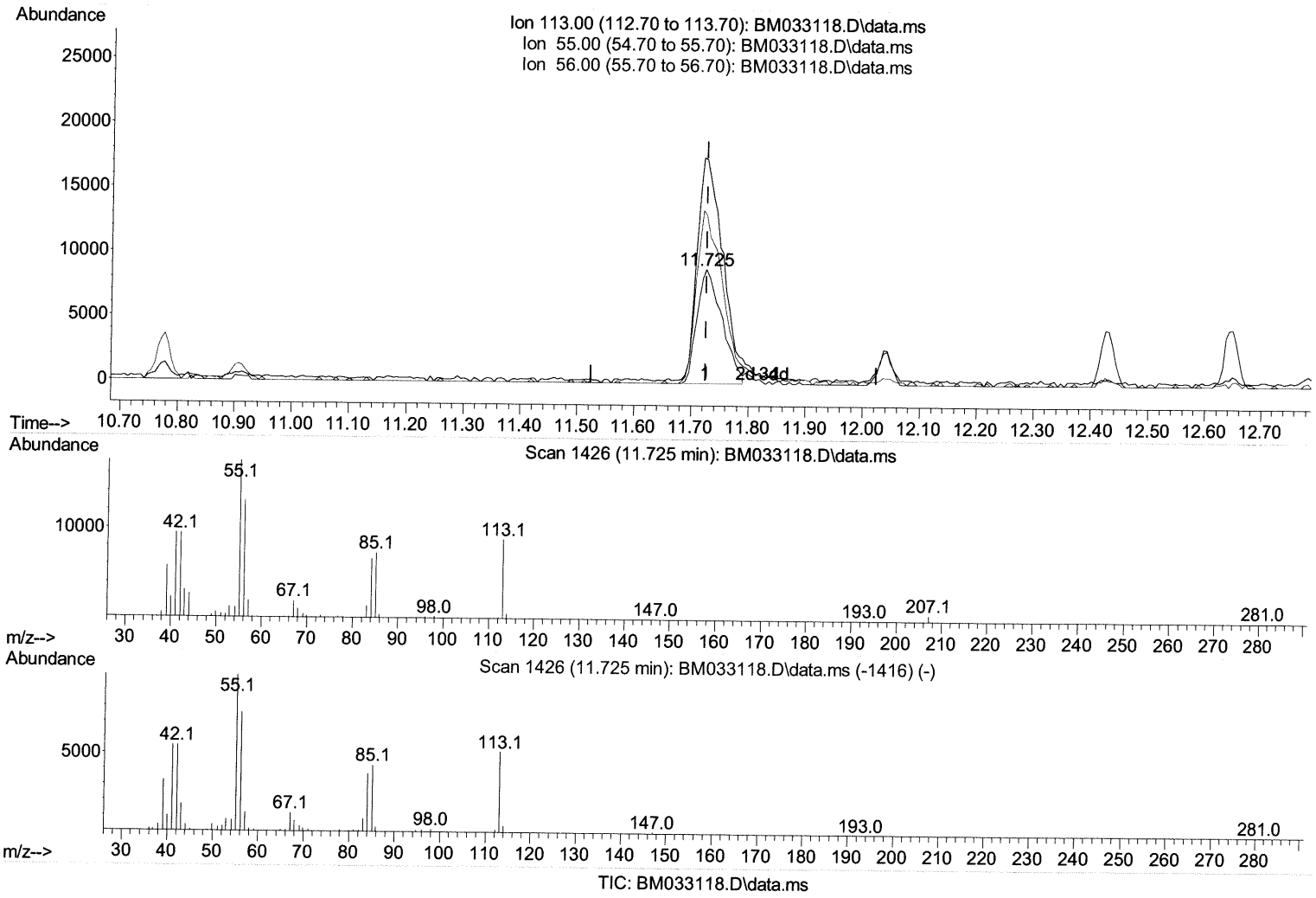

TIC: BM033118.D\data.ms

(34) Caprolactam

11.725min (0.000) 13.18 ng/ul

response 27057

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	196.61
56.00	147.80	147.81
0.00	0.00	0.00

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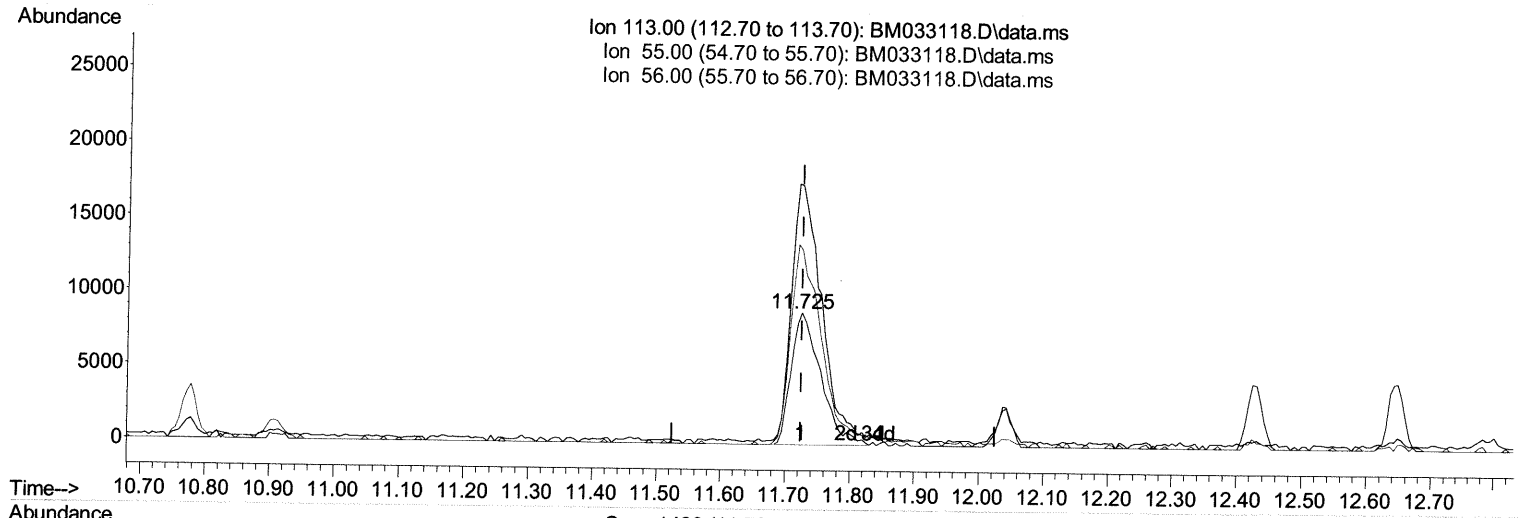

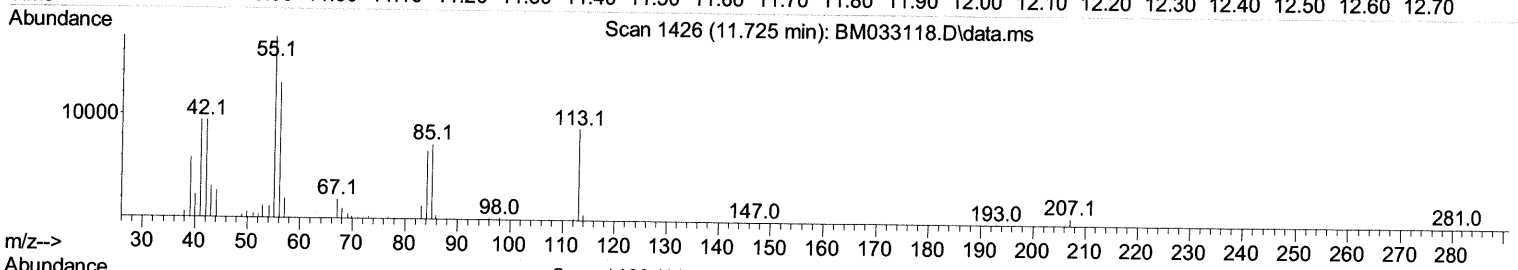

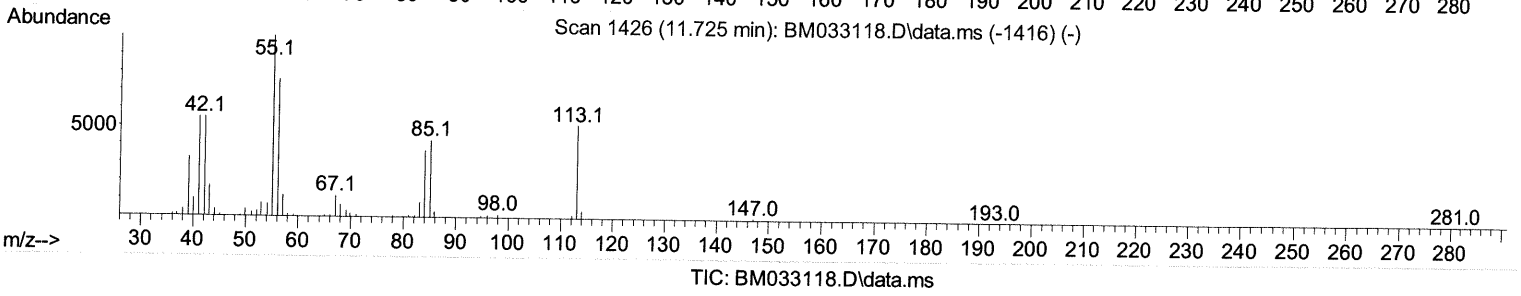

TIC: BM033118.D\data.ms

(34) Caprolactam

11.725min (0.000) 13.67 ng/ul m 11/29/21 JU

response 28067

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	196.61
56.00	147.80	147.81
0.00	0.00	0.00

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Supervised By :mohammad ahmed 11/26/2021

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	96365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	382233	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.595	164	247335	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	517072	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	492716	20.000	ng/ul	0.00
88) Perylene-d12	23.836	264	479632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	17441	7.256	ng/uL	0.00
4) Pyridine-d5	3.849	84	119470	17.595	ng/ul	0.00
7) Phenol-d5	7.131	99	142668	17.410	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.307	67	91333	19.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.507	132	111172	17.769	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	109874	16.601	ng/ul	0.00
21) Nitrobenzene-d5	9.137	128	48976	18.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.860	143	48560	16.705	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.389	165	111215	19.218	ng/ul	0.00
31) 4-Chloroaniline-d4	10.907	131	145731	17.073	ng/ul	0.00
46) Dimethylphthalate-d6	14.007	166	321148	18.762	ng/ul	0.00
49) Acenaphthylene-d8	14.289	160	414832	19.949	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	46993	13.980	ng/ul	0.00
60) Fluorene-d10	15.583	176	288880	19.900	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.695	200	35172	11.935	ng/ul	0.00
73) Anthracene-d10	17.430	188	447003	19.860	ng/ul	0.00
81) Pyrene-d10	19.706	212	515676	20.804	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.683	264	456522	19.007	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	18281	6.988	ng/uL	100
5) Pyridine	3.866	79	122188	18.196	ng/ul	100
6) Benzaldehyde	7.119	77	103208	26.756	ng/ul	100
8) Phenol	7.154	94	141518	17.048	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.401	93	114412	17.516	ng/ul	100
12) 2-Chlorophenol	7.537	128	114090	17.651	ng/ul	100
13) 2-Methylphenol	8.407	108	107105	16.825	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.501	45	177938	21.998	ng/ul	100
16) Acetophenone	8.801	105	175154	18.064	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.784	70	95106	19.866	ng/ul	100
18) 4-Methylphenol	8.737	108	114578	17.172	ng/ul	100
19) Hexachloroethane	9.060	117	50850	19.776	ng/ul	100
22) Nitrobenzene	9.178	77	134067	20.938	ng/ul	100
23) Isophorone	9.707	82	247042	19.999	ng/ul	100
25) 2-Nitrophenol	9.889	139	50994	16.054	ng/ul	100
26) 2,4-Dimethylphenol	9.942	107	137941	20.311	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.184	93	146650	17.901	ng/ul	100
29) 2,4-Dichlorophenol	10.419	162	109935	19.298	ng/ul	100
30) Naphthalene	10.825	128	361241	18.440	ng/ul	100
32) 4-Chloroaniline	10.931	127	149893	17.491	ng/ul	100
33) Hexachlorobutadiene	11.107	225	84428	22.972	ng/ul	100
34) Caprolactam	11.725	113	28067m	> 13.667	ng/ul	> 11/29/21 JU
35) 4-Chloro-3-methylphenol	12.042	107	118138	18.847	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.430	142	253835	19.051	ng/ul	100
37) 1-Methylnaphthalene	12.648	142	258673	19.066	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.789	216	145790	21.376	ng/ul	100
40) Hexachlorocyclopentadiene	12.772	237	98235	24.719	ng/ul	100
41) 2,4,6-Trichlorophenol	13.025	196	85935	19.675	ng/ul	100
42) 2,4,5-Trichlorophenol	13.095	196	91314	19.052	ng/ul	100
43) 1,1'-Biphenyl	13.430	154	339637	19.152	ng/ul	100
44) 2-Chloronaphthalene	13.477	162	262989	19.459	ng/ul	100
45) 2-Nitroaniline	13.677	65	68598	19.006	ng/ul	100
47) Dimethylphthalate	14.054	163	311686	18.181	ng/ul	100
48) 2,6-Dinitrotoluene	14.166	165	51427	16.097	ng/ul	100
50) Acenaphthylene	14.319	152	424048	19.273	ng/ul	100
51) 3-Nitroaniline	14.495	138	53353	15.977	ng/ul	100
52) Acenaphthene	14.660	153	274079	18.865	ng/ul	100
53) 2,4-Dinitrophenol	14.695	184	20440	9.947	ng/ul	100
55) 4-Nitrophenol	14.789	109	49292	18.170	ng/ul	100
56) Dibenzofuran	14.989	168	403069	19.144	ng/ul	100
57) 2,4-Dinitrotoluene	14.948	165	74715	15.822	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.213	232	74755	19.205	ng/ul	100
59) Diethylphthalate	15.413	149	314381	18.383	ng/ul	100
61) Fluorene	15.636	166	319836	19.770	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.630	204	167250	20.468	ng/ul	100
63) 4-Nitroaniline	15.654	138	56457	18.288	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.707	198	36930	12.751	ng/ul	100
67) N-Nitrosodiphenylamine	15.842	169	273079	18.929	ng/ul	100
68) 4-Bromophenyl-phenylether	16.524	248	102181	20.504	ng/ul	100
69) Hexachlorobenzene	16.630	284	115402	20.104	ng/ul	100
70) Atrazine	16.789	200	101187	18.558	ng/ul	100
71) Pentachlorophenol	16.977	266	61863	17.878	ng/ul	100
72) Phenanthrene	17.371	178	512390	19.199	ng/ul	100
74) Anthracene	17.465	178	514847	19.204	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.395	216	152289	20.977	ng/uL	100
76) Pentachlorobenzene	14.907	250	148504	20.597	ng/uL	100
77) Carbazole	17.730	167	451197	18.870	ng/ul	100
78) Di-n-butylphthalate	18.295	149	499799	18.093	ng/ul	100
80) Fluoranthene	19.377	202	600728	19.643	ng/ul	100
82) Pyrene	19.736	202	610585	19.434	ng/ul	100
83) Butylbenzylphthalate	20.624	149	206620	17.331	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.400	252	201626	22.568	ng/ul	100
85) Benzo(a)anthracene	21.471	228	563287	18.958	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.395	149	292261	17.634	ng/ul	100
87) Chrysene	21.524	228	545916	18.660	ng/ul	100
89) Di-n-octyl phthalate	22.306	149	482082	17.648	ng/ul	100
90) Benzo(b)fluoranthene	23.118	252	571876	19.598	ng/ul	100
91) Benzo(k)fluoranthene	23.171	252	514492	19.439	ng/ul	100
93) Benzo(a)pyrene	23.736	252	540492	19.578	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.247	276	594510	19.482	ng/ul	100
95) Dibenzo(a,h)anthracene	26.259	278	508538	19.421	ng/ul	100
96) Benzo(g,h,i)perylene	26.982	276	519194	19.442	ng/ul	100

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