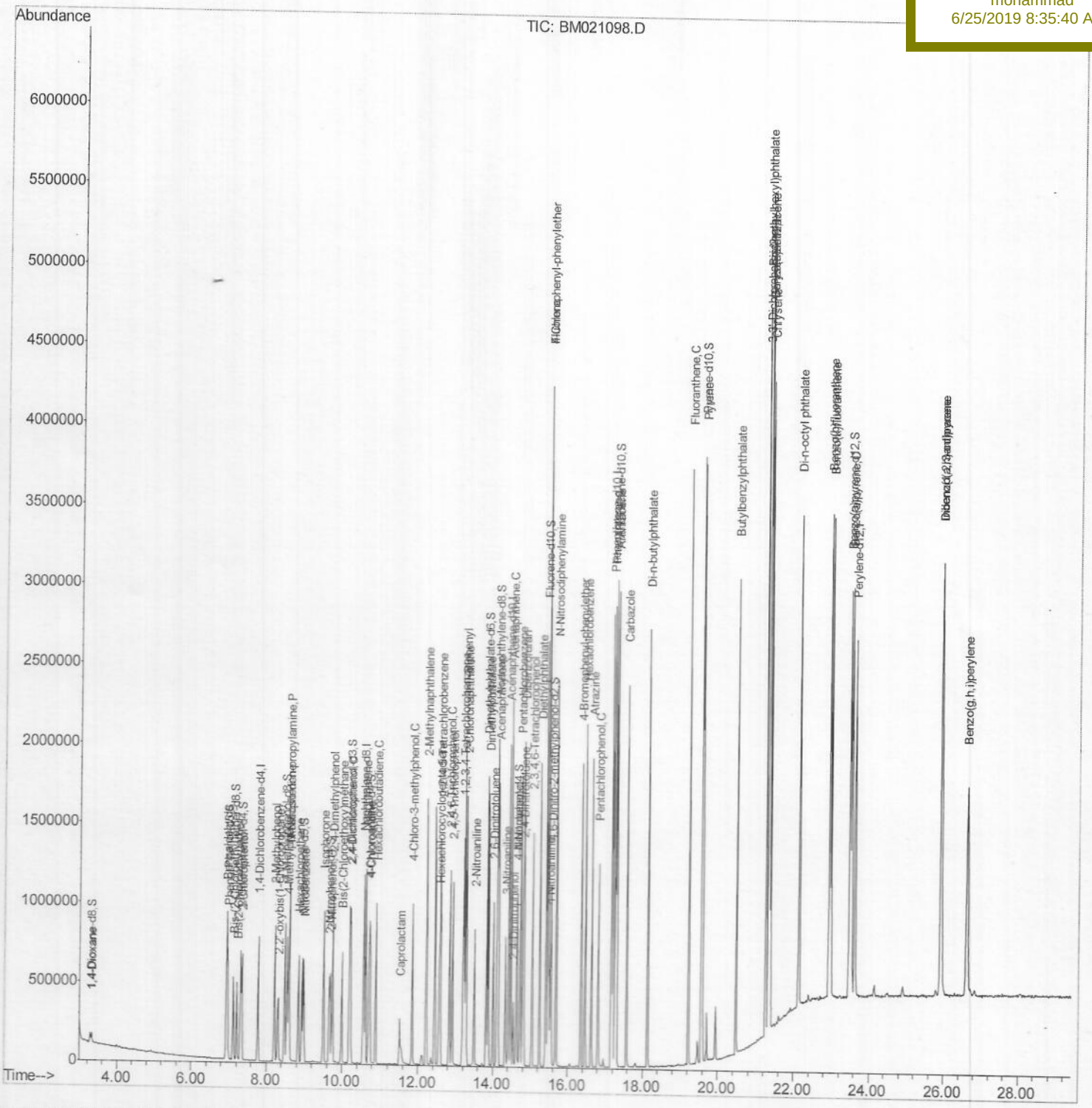
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021098.D
Acq On : 22 Jun 2019 13:10
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 01:00:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
6/25/2019 8:35:40 AM



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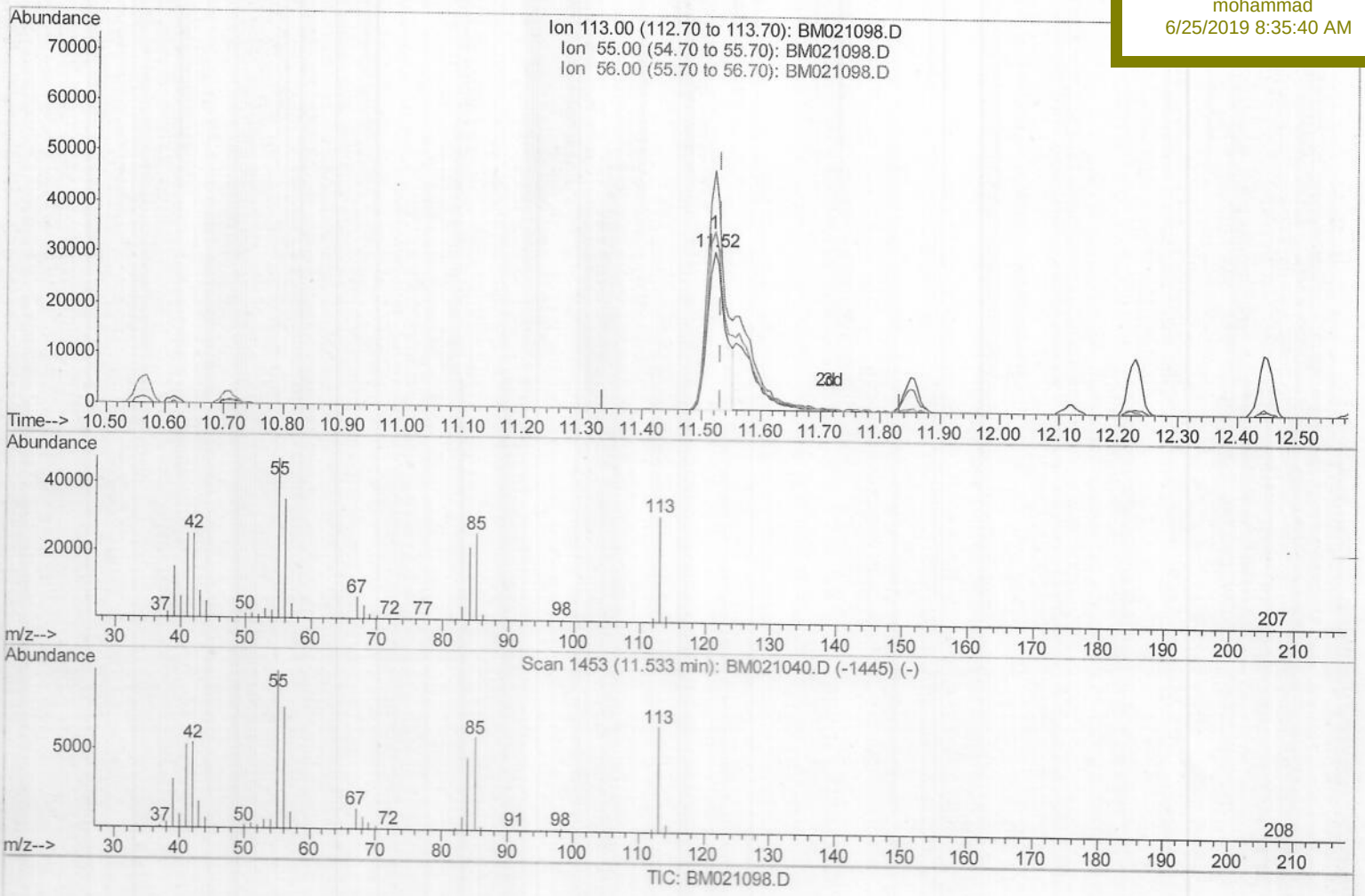

TIC: BM021098.D

(32) Caprolactam

11.521min (-0.012) 14.24ng/ul

response 64812

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	151.56
56.00	113.80	112.78
0.00	0.00	0.00

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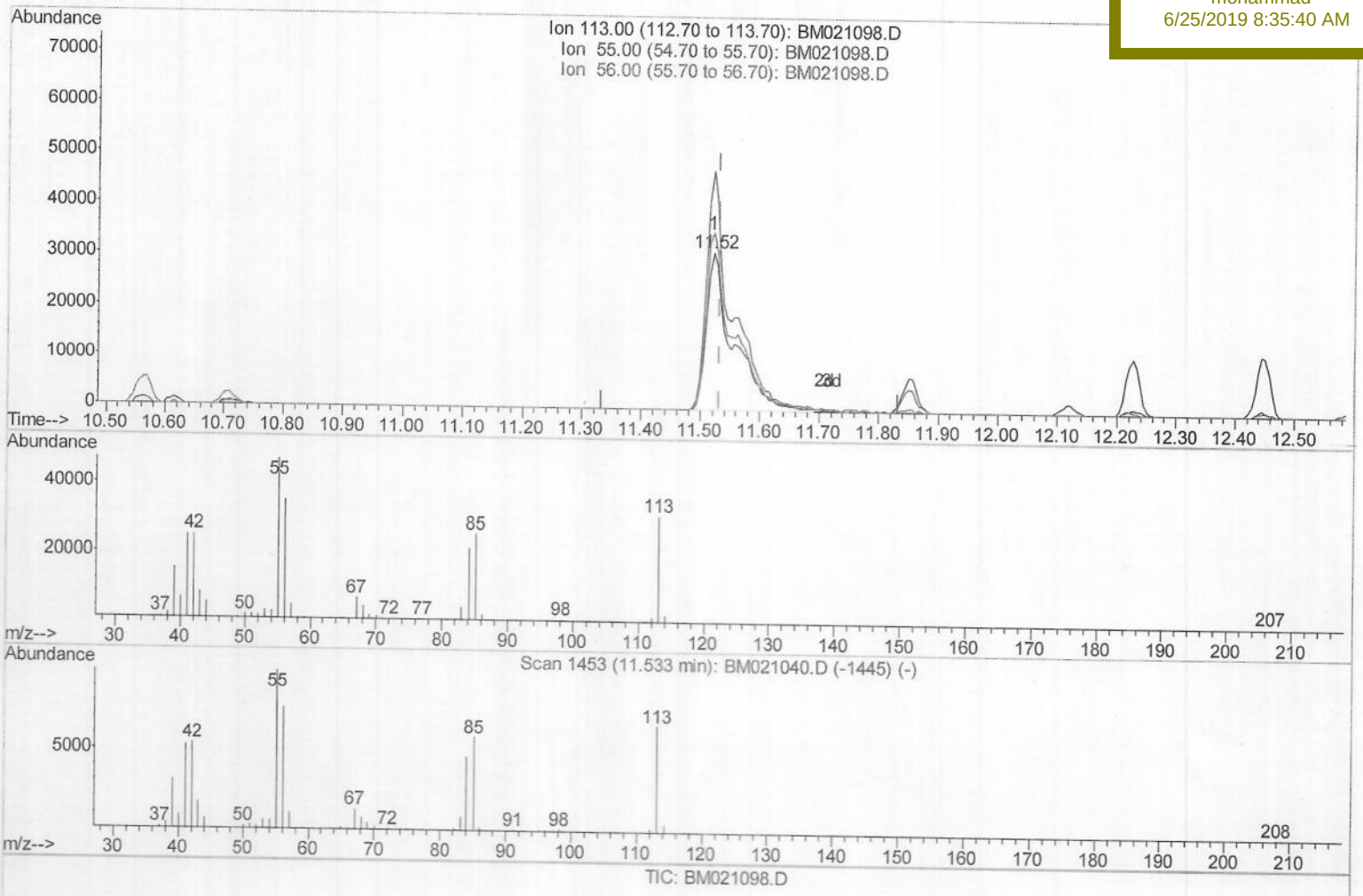

TIC: BM021098.D

(32) Caprolactam

11.521min (-0.012) 21.87ng/ul m JU 06/25/19

response 99511

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	151.56
56.00	113.80	112.78
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	7.77	152	216578	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	970214	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	666064	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1661894	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1695119	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	1660684	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	33434	7.33	ng/uL	0.00
5) Phenol-d5	6.95	99	375445	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	226509	20.17	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.31	132	303856	19.84	ng/ul	-0.01
13) 4-Methylphenol-d8	8.48	113	316481	20.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.94	128	158290	20.09	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	176800	20.22	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.19	165	372408	20.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.71	131	419102	22.60	ng/ul	-0.01
43) Dimethylphthalate-d6	13.83	166	1220587	20.28	ng/ul	-0.01
46) Acenaphthylene-d8	14.11	160	1467056	19.91	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.62	143	193551	19.77	ng/ul	-0.01
57) Fluorene-d10	15.41	176	1064189	20.33	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.54	200	186359	18.24	ng/ul	0.00
70) Anthracene-d10	17.26	188	1715815	19.87	ng/ul	-0.01
78) Pyrene-d10	19.56	212	1916564	18.84	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.47	264	1943019	19.83	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	34048	7.377	ng/uL	99
4) Benzaldehyde	6.93	77	167974	19.545	ng/ul	98
6) Phenol	6.97	94	352923	19.793	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.21	93	275328	20.232	ng/ul	99
10) 2-Chlorophenol	7.34	128	288012	19.953	ng/ul	97
11) 2-Methylphenol	8.22	108	270453	19.604	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.31	45	347763	20.013	ng/ul	100
14) Acetophenone	8.60	105	469077	20.712	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	245642	20.840	ng/ul	99
16) 4-Methylphenol	8.55	108	303219	20.197	ng/ul	95
17) Hexachloroethane	8.85	117	118487	19.693	ng/ul	95
20) Nitrobenzene	8.98	77	345251	19.507	ng/ul	97
21) Isophorone	9.50	82	677769	20.335	ng/ul	100
23) 2-Nitrophenol	9.69	139	179753	20.442	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	365197	20.329	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	412509	20.083	ng/ul	100
27) 2,4-Dichlorophenol	10.21	162	337808	20.867	ng/ul	99
28) Naphthalene	10.62	128	992200	19.919	ng/ul	99
30) 4-Chloroaniline	10.73	127	395149	22.653	ng/ul	98
31) Hexachlorobutadiene	10.89	225	224412	20.346	ng/ul	98
32) Caprolactam	11.52	113	99511m	21.866	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	352442	21.355	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	785852	20.575	ng/ul	100

JU 06/25/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	462056	19.432	ng/ul	100
37) Hexachlorocyclopentadiene	12.57	237	243150	17.189	ng/ul	99
38) 2,4,6-Trichlorophenol	12.84	196	302023	20.439	ng/ul	98
39) 2,4,5-Trichlorophenol	12.91	196	324355	20.550	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	1061618	19.322	ng/ul	100
41) 2-Chloronaphthalene	13.29	162	846171	19.493	ng/ul	100
42) 2-Nitroaniline	13.50	65	217314	20.599	ng/ul	99
44) Dimethylphthalate	13.87	163	1118094	20.409	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	219835	21.024	ng/ul	96
47) Acenaphthylene	14.14	152	1251773	19.845	ng/ul	99
48) 3-Nitroaniline	14.33	138	199018	21.742	ng/ul	98
49) Acenaphthene	14.48	153	908166	19.639	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	89704	17.077	ng/ul	98
52) 4-Nitrophenol	14.64	109	142507	19.681	ng/ul	99
53) Dibenzofuran	14.82	168	1324281	20.113	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	331152	21.824	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	298254	21.669	ng/ul	97
56) Diethylphthalate	15.24	149	1108066	20.963	ng/ul	99
58) Fluorene	15.47	166	1093072	20.433	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	602272	20.650	ng/ul	99
60) 4-Nitroaniline	15.50	138	188589	19.383	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	187174	18.251	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	961129	19.096	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	394495	19.357	ng/ul	98
66) Hexachlorobenzene	16.46	284	462841	19.816	ng/ul	99
67) Atrazine	16.63	200	366687	20.081	ng/ul	97
68) Pentachlorophenol	16.81	266	245008	20.920	ng/ul	98
69) Phenanthrene	17.21	178	1825648	19.863	ng/ul	100
71) Anthracene	17.30	178	1866584	19.929	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.21	216	465995	17.824	ng/uL	99
73) Pentachlorobenzene	14.73	250	499179	18.556	ng/uL	99
74) Carbazole	17.57	167	1577164	20.431	ng/ul	99
75) Di-n-butylphthalate	18.13	149	1914873	20.662	ng/ul	100
76) Fluoranthene	19.22	202	2220133	22.355	ng/ul	100
79) Pyrene	19.59	202	2268319	18.928	ng/ul	100
80) Butylbenzylphthalate	20.49	149	872009	19.657	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.27	252	698112	18.375	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2267802	19.623	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1249074	19.776	ng/ul	99
84) Chrysene	21.39	228	2122578	19.611	ng/ul	100
86) Di-n-octyl phthalate	22.14	149	2041632	21.335	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2099107	19.954	ng/ul	99
88) Benzo(k)fluoranthene	22.98	252	2106185	20.812	ng/ul	99
90) Benzo(a)pyrene	23.52	252	1952833	19.723	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	2093677	17.957	ng/ul	99
92) Dibenzo(a,h)anthracene	25.93	278	1743416	17.775	ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	1682144	17.518	ng/ul	99

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