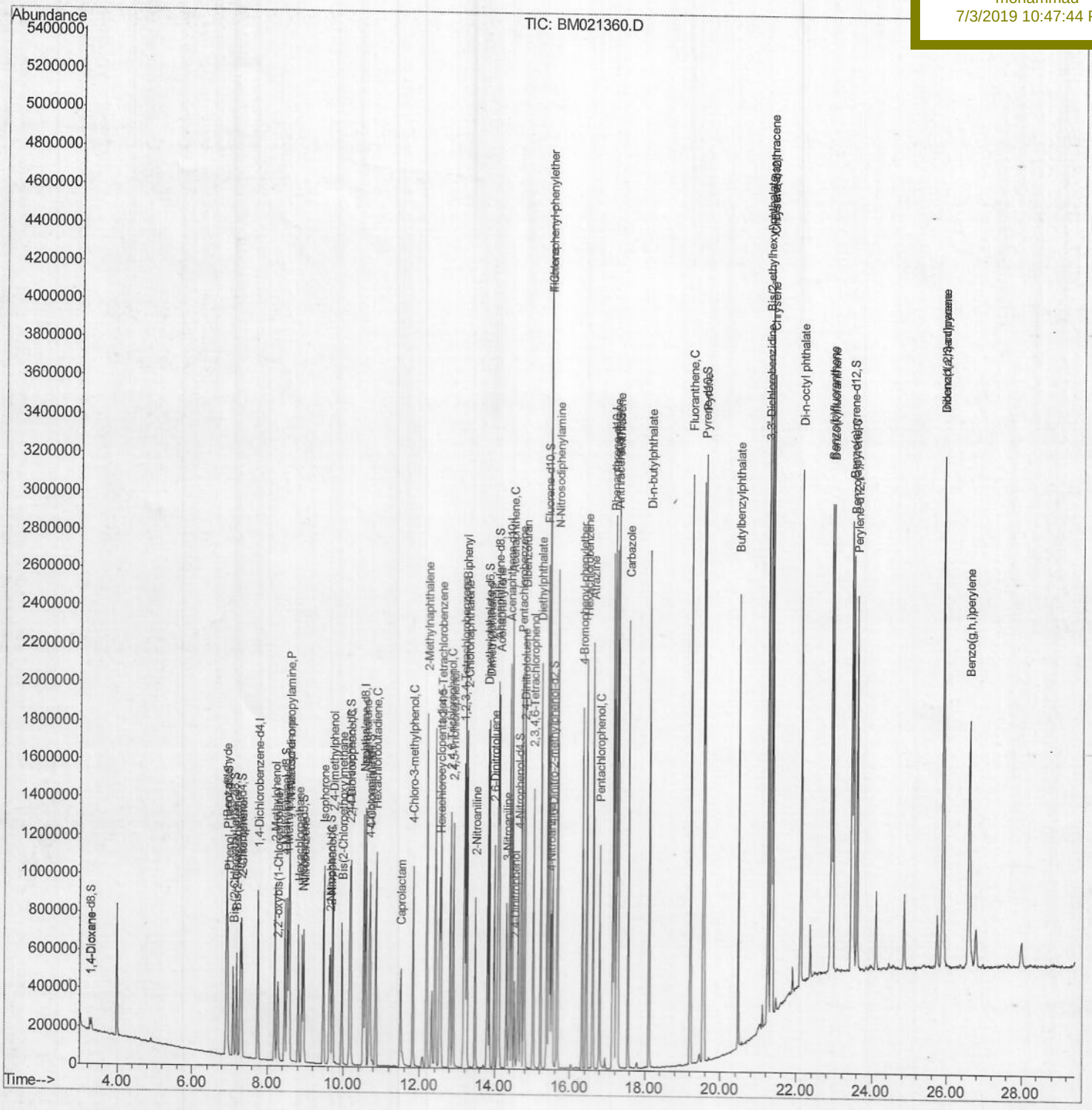
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070319\
Data File : BM021360.D
Acq On : 03 Jul 2019 09:15
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 15:20:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:58:18 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02041

Manual Integrations APPROVED
mohammad
7/3/2019 10:47:44 PM



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Quant Time: Jul 03 11:16:29 2019
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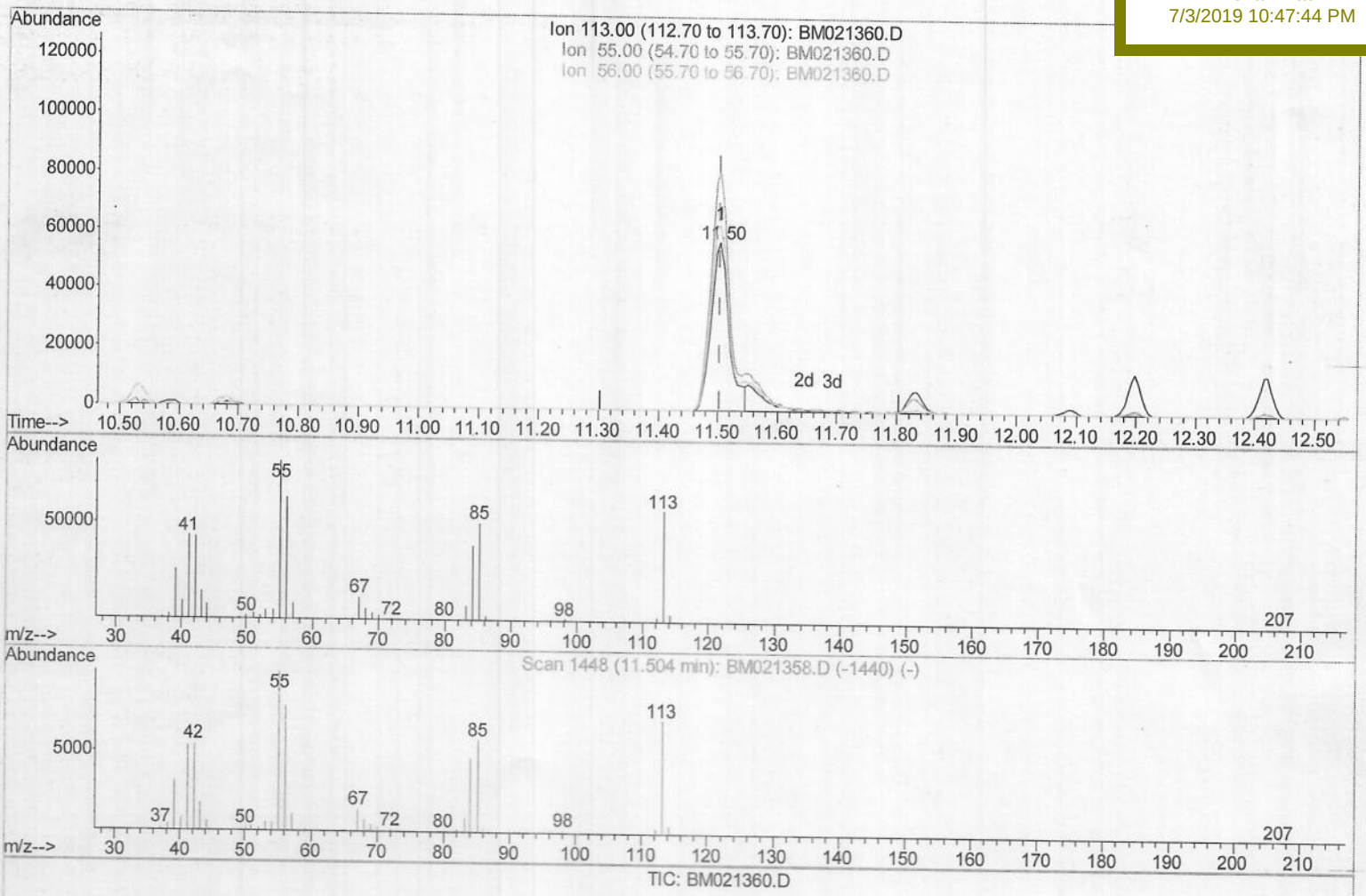

TIC: BM021360.D

(32) Caprolactam

11.504min (-0.000) 23.24ng/ul

response 118520

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	142.17
56.00	113.80	110.31
0.00	0.00	0.00

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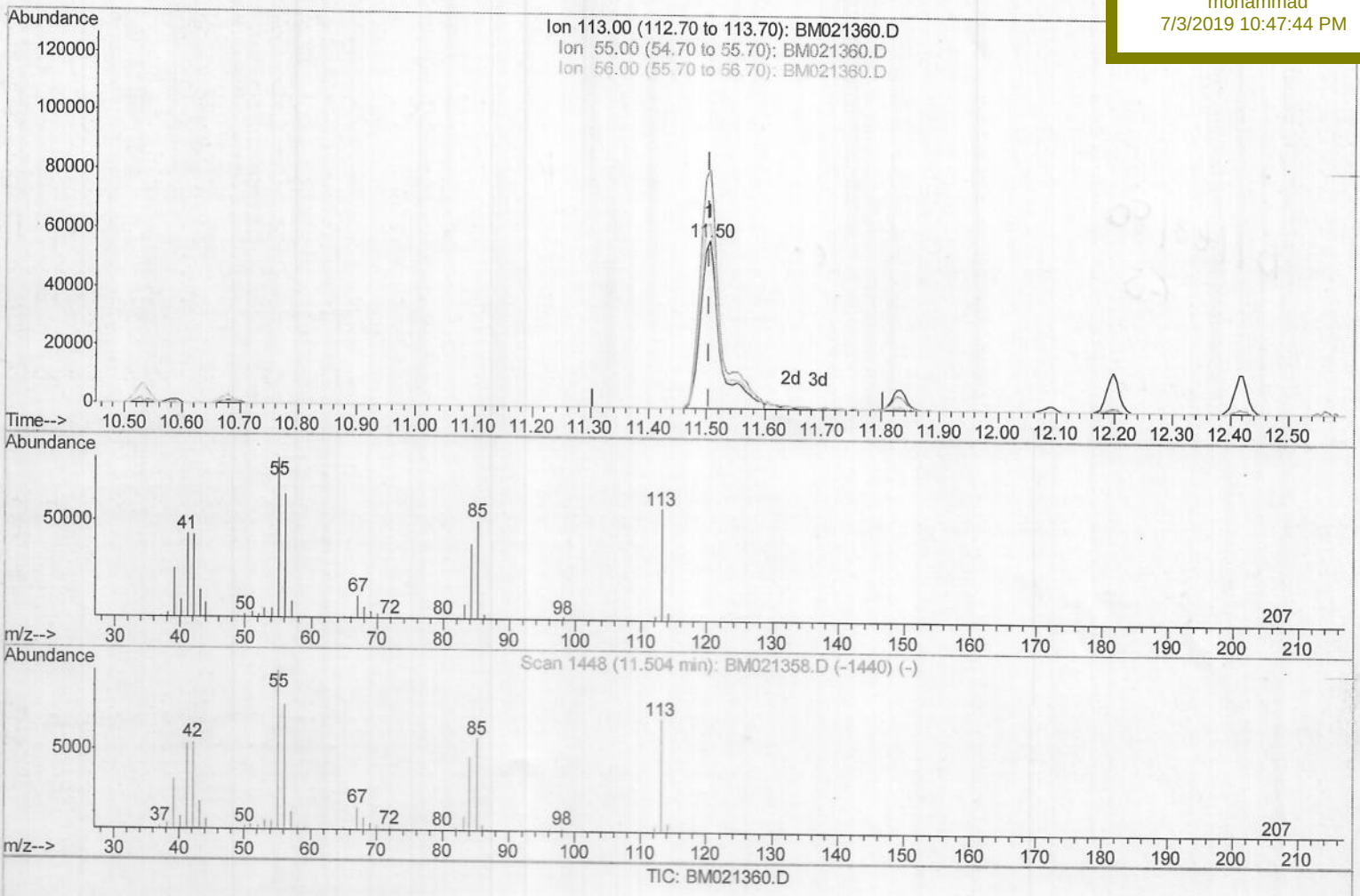

TIC: BM021360.D

(32) Caprolactam

11.504min (-0.000) 26.41ng/ul m JU 07/04/19

response 134712

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	142.17
56.00	113.80	110.31
0.00	0.00	0.00

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7/3/2019 10:47:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	240104	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1087409	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	714073	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1641878	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1331516	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1430963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	32956	6.52	ng/uL	0.00
5) Phenol-d5	6.92	99	379559	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	211896	17.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	317013	18.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	329115	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	163244	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	189628	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	384835	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	455038	21.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1191137	18.46	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1476164	18.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	162516	15.48	ng/ul	0.00
57) Fluorene-d10	15.39	176	1019357	18.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	178809	17.72	ng/ul	0.00
70) Anthracene-d10	17.24	188	1563991	18.33	ng/ul	0.00
78) Pyrene-d10	19.54	212	1507071	18.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1430141	16.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	31177	6.093	ng/uL	98
4) Benzaldehyde	6.90	77	260313	27.322	ng/ul	98
6) Phenol	6.95	94	386861	19.571	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	289266	19.173	ng/ul	98
10) 2-Chlorophenol	7.31	128	319489	19.964	ng/ul	100
11) 2-Methylphenol	8.19	108	304397	19.902	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	365882	18.992	ng/ul	100
14) Acetophenone	8.57	105	507526	20.214	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.56	70	257326	19.692	ng/ul	96
16) 4-Methylphenol	8.52	108	336871	20.240	ng/ul	100
17) Hexachloroethane	8.81	117	129692	19.443	ng/ul	100
20) Nitrobenzene	8.95	77	385471	19.433	ng/ul	99
21) Isophorone	9.47	82	725145	19.412	ng/ul	99
23) 2-Nitrophenol	9.66	139	200396	20.333	ng/ul	100
24) 2,4-Dimethylphenol	9.72	107	397371	19.736	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	438211	19.035	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	373563	20.589	ng/ul	98
28) Naphthalene	10.58	128	1098295	19.672	ng/ul	100
30) 4-Chloroaniline	10.70	127	448039	22.916	ng/ul	99
31) Hexachlorobutadiene	10.85	225	246651	19.952	ng/ul	98
32) Caprolactam	11.50	113	134712m	26.411	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	384554	20.789	ng/ul	100
34) 2-Methylnaphthalene	12.20	142	853987	19.949	ng/ul	98

JU 07/04/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	511736	20.074 ng/ul	100
37) Hexachlorocyclopentadiene	12.53	237	284075	18.732 ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	329525	20.801 ng/ul	97
39) 2,4,5-Trichlorophenol	12.89	196	355070	20.983 ng/ul	99
40) 1,1'-Biphenyl	13.22	154	1152267	19.561 ng/ul	100
41) 2-Chloronaphthalene	13.26	162	920549	19.780 ng/ul	99
42) 2-Nitroaniline	13.48	65	227586	20.122 ng/ul	98
44) Dimethylphthalate	13.85	163	1178749	20.069 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	235752	21.031 ng/ul	96
47) Acenaphthylene	14.11	152	1348057	19.935 ng/ul	99
48) 3-Nitroaniline	14.32	138	215011	21.910 ng/ul	99
49) Acenaphthene	14.45	153	981193	19.792 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	106906	18.984 ng/ul	94
52) 4-Nitrophenol	14.62	109	153242	19.740 ng/ul	99
53) Dibenzofuran	14.79	168	1408131	19.949 ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	348706	21.436 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.02	232	316090	21.421 ng/ul	98
56) Diethylphthalate	15.22	149	1156769	20.413 ng/ul	100
58) Fluorene	15.44	166	1161472	20.252 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	631027	20.181 ng/ul	98
60) 4-Nitroaniline	15.48	138	206118	19.760 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.53	198	183026	18.064 ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	996066	20.031 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	408608	20.294 ng/ul	98
66) Hexachlorobenzene	16.44	284	472617	20.481 ng/ul	99
67) Atrazine	16.62	200	454949	25.219 ng/ul	99
68) Pentachlorophenol	16.79	266	236762	20.462 ng/ul	97
69) Phenanthrene	17.19	178	1795269	19.771 ng/ul	99
71) Anthracene	17.27	178	1824036	19.712 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	507542	19.650 ng/uL	100
73) Pentachlorobenzene	14.70	250	553869	20.840 ng/uL	98
74) Carbazole	17.55	167	1478957	19.393 ng/ul	100
75) Di-n-butylphthalate	18.10	149	1899454	20.745 ng/ul	100
76) Fluoranthene	19.20	202	1944496	19.819 ng/ul	99
79) Pyrene	19.57	202	1928412	20.486 ng/ul	99
80) Butylbenzylphthalate	20.47	149	740899	21.263 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.25	252	583766	19.561 ng/ul	99
82) Benzo(a)anthracene	21.32	228	1787857	19.695 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	1126068	22.697 ng/ul	99
84) Chrysene	21.37	228	1674870	19.700 ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1765600	21.413 ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	1788585	19.732 ng/ul	100
88) Benzo(k)fluoranthene	22.96	252	1686224	19.337 ng/ul	99
90) Benzo(a)pyrene	23.50	252	1676378	19.649 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	2016227	20.069 ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	1691347	20.013 ng/ul	98
93) Benzo(g,h,i)perylene	26.59	276	1655893	20.013 ng/ul	97

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