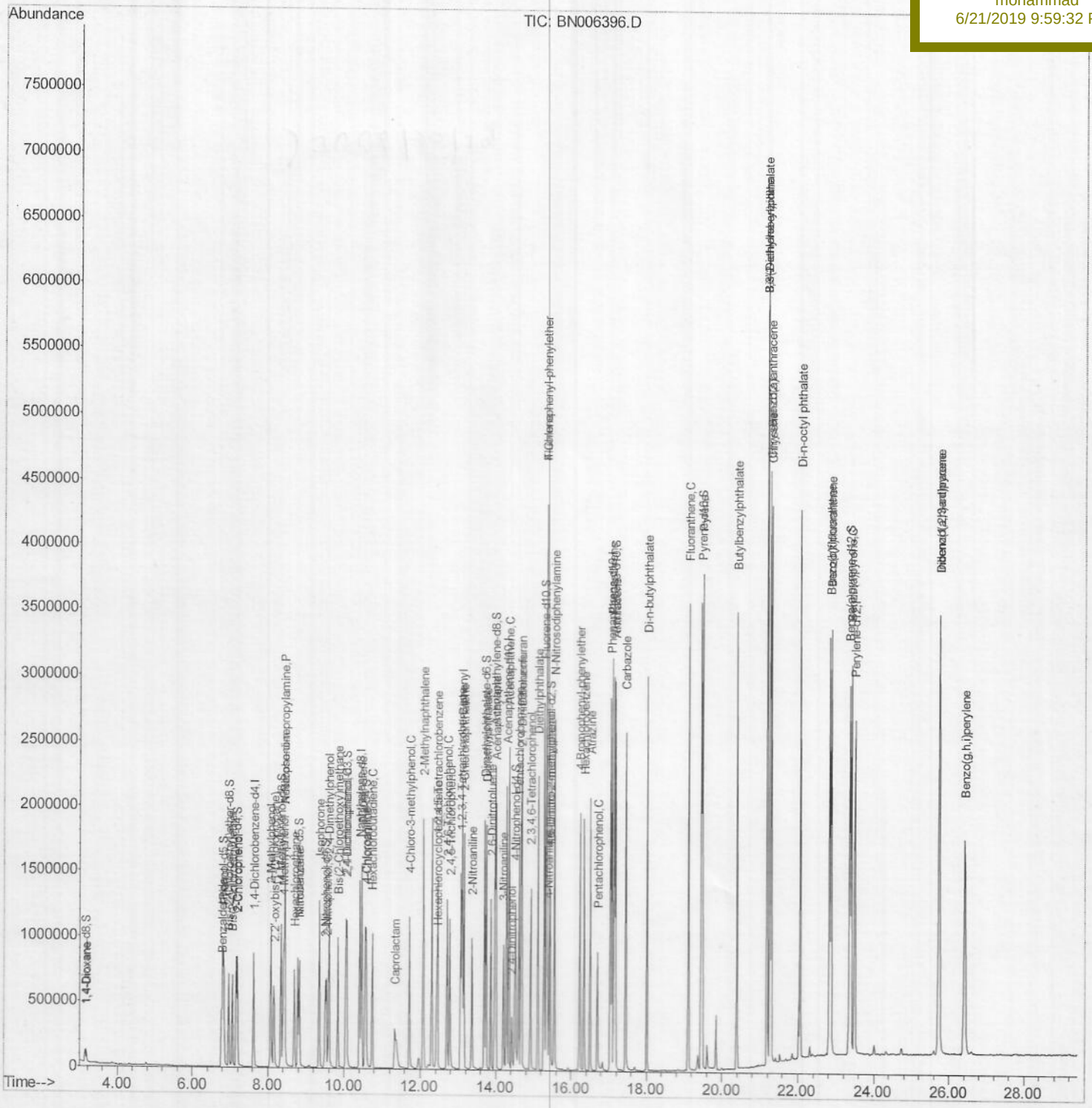
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061919\
Data File : BN006396.D
Acq On : 19 Jun 2019 14:50
Operator : JU/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 19 15:30:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 19 15:21:48 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
6/21/2019 9:59:32 PM



Quantitation Report (Qedit)

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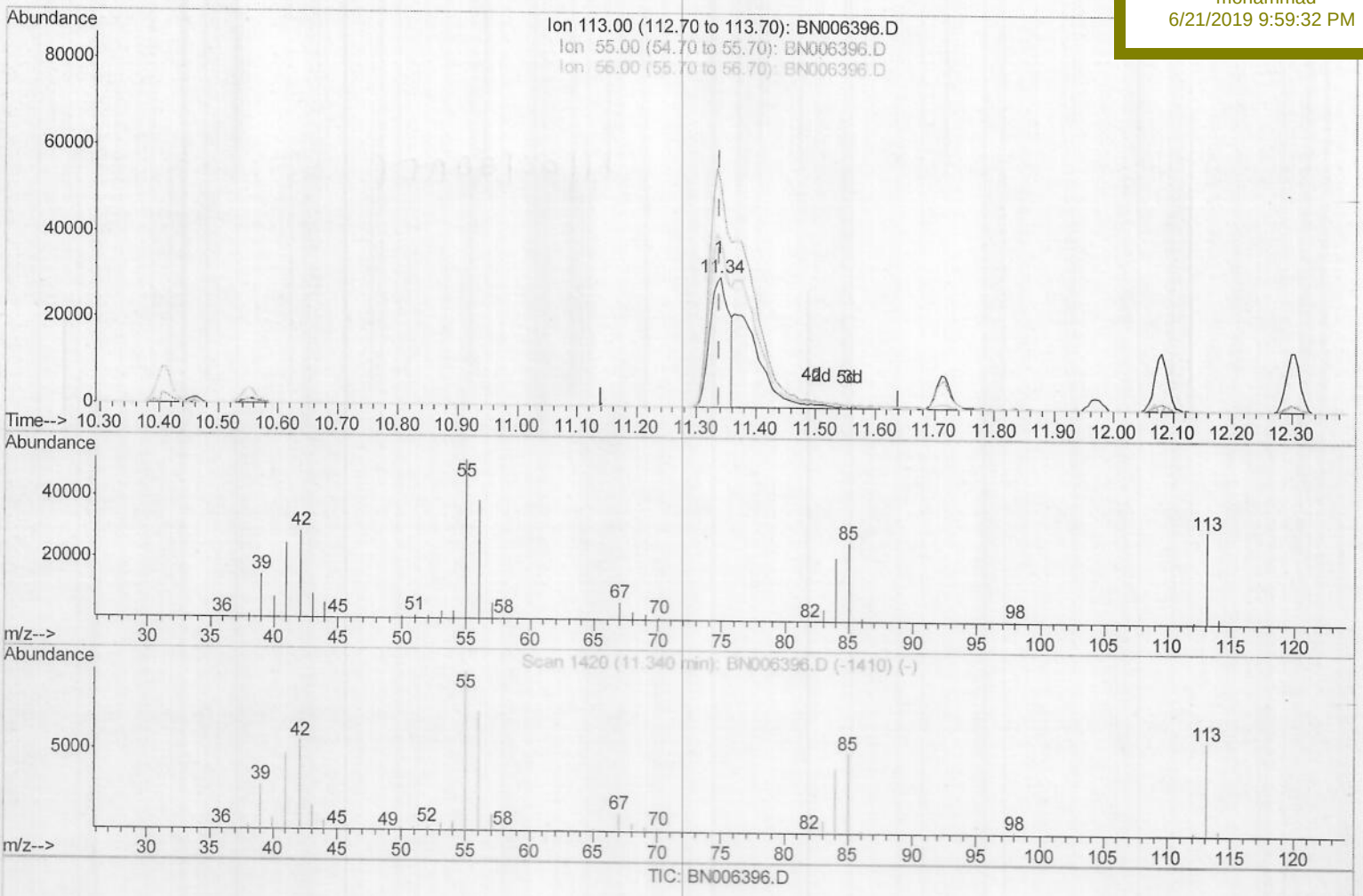

TIC: BN006396.D

(32) Caprolactam

11.340min (0.000) 12.47ng/ul

response 66433

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	171.60
56.00	128.30	128.27
0.00	0.00	0.00

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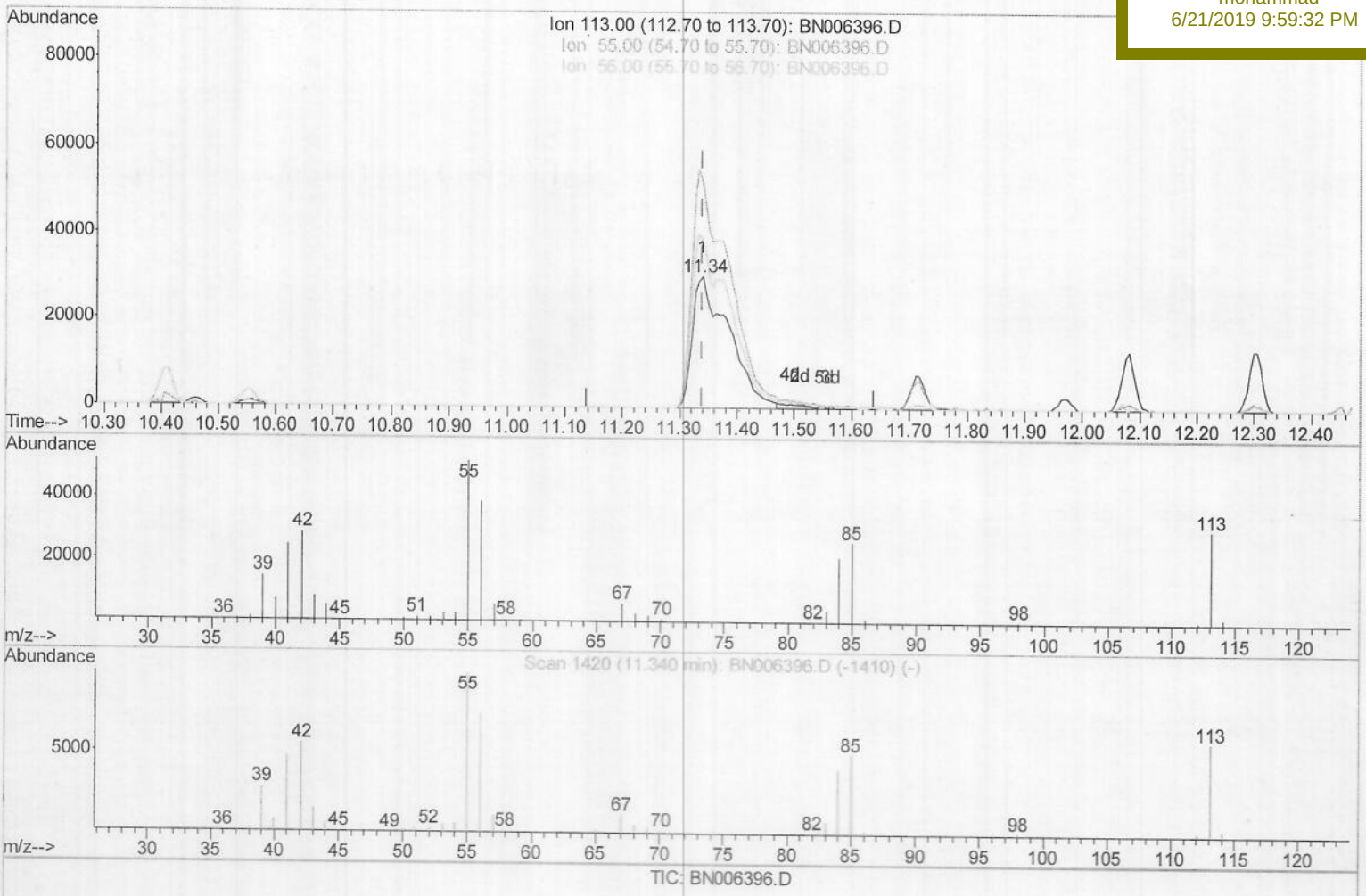

(32) Caprolactam

11.340min (0.000) 25.01ng/ul m JU 06/20/19

response 133261

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	171.60
56.00	128.30	128.27
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	7.63	152	232318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1139576	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	709530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1559868	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1488320	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1712494	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	48263	9.00	ng/uL	0.00
5) Phenol-d5	6.80	99	488269	26.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	319136	30.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	370763	24.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	392456	27.29	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	186783	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	207407	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	388874	23.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	498819	25.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1255578	24.94	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1557382	23.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	211018	23.74	ng/ul	0.00
57) Fluorene-d10	15.28	176	1064421	25.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	195545	22.40	ng/ul	0.00
70) Anthracene-d10	17.14	188	1628645	24.47	ng/ul	0.00
78) Pyrene-d10	19.45	212	1775571	24.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1958774	25.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	50110	9.041	ng/uL	100
4) Benzaldehyde	6.78	77	200618	15.924	ng/ul	100
6) Phenol	6.83	94	472954	24.930	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.06	93	375683	25.516	ng/ul	100
10) 2-Chlorophenol	7.19	128	349224	22.933	ng/ul	100
11) 2-Methylphenol	8.08	108	359607	25.263	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	599039	30.446	ng/ul	100
14) Acetophenone	8.45	105	578078	26.569	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	326722	28.336	ng/ul	100
16) 4-Methylphenol	8.40	108	399383	26.115	ng/ul	100
17) Hexachloroethane	8.69	117	142603	22.268	ng/ul	100
20) Nitrobenzene	8.82	77	445679	23.166	ng/ul	100
21) Isophorone	9.35	82	927080	25.006	ng/ul	100
23) 2-Nitrophenol	9.53	139	207747	21.798	ng/ul	100
24) 2,4-Dimethylphenol	9.60	107	447479	23.124	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.83	93	558864	24.489	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	354340	22.292	ng/ul	100
28) Naphthalene	10.46	128	1203284	22.390	ng/ul	100
30) 4-Chloroaniline	10.58	127	470467	24.086	ng/ul	100
31) Hexachlorobutadiene	10.74	225	202213	19.899	ng/ul	100
32) Caprolactam	11.34	113	133261m	25.010	ng/ul	) JU 06/20/19
33) 4-Chloro-3-methylphenol	11.72	107	429915	24.850	ng/ul	100
34) 2-Methylnaphthalene	12.08	142	877351	23.419	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	425752	20.045	ng/ul	100
37) Hexachlorocyclopentadiene	12.43	237	165743	13.664	ng/ul	100
38) 2,4,6-Trichlorophenol	12.70	196	279316	20.552	ng/ul	100
39) 2,4,5-Trichlorophenol	12.78	196	294581	20.324	ng/ul	100
40) 1,1'-Biphenyl	13.11	154	1144687	21.477	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	882291	21.411	ng/ul	100
42) 2-Nitroaniline	13.36	65	285884	23.877	ng/ul	100
44) Dimethylphthalate	13.75	163	1151104	23.057	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	232632	22.948	ng/ul	100
47) Acenaphthylene	14.00	152	1374412	21.483	ng/ul	100
48) 3-Nitroaniline	14.20	138	232173	23.430	ng/ul	100
49) Acenaphthene	14.35	153	967572	22.476	ng/ul	100
50) 2,4-Dinitrophenol	14.42	184	93658	17.436	ng/ul	100
52) 4-Nitrophenol	14.52	109	147904	21.946	ng/ul	100
53) Dibenzofuran	14.69	168	1350510	22.231	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	340191	23.905	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.92	232	258266	21.625	ng/ul	100
56) Diethylphthalate	15.12	149	1167485	23.350	ng/ul	100
58) Fluorene	15.34	166	1100872	23.148	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	531442	22.415	ng/ul	100
60) 4-Nitroaniline	15.37	138	225862	19.464	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.44	198	194503	21.471	ng/ul	100
64) N-Nitrosodiphenylamine	15.55	169	974654	22.470	ng/ul	100
65) 4-Bromophenyl-phenylether	16.23	248	327922	21.404	ng/ul	100
66) Hexachlorobenzene	16.35	284	363622	21.612	ng/ul	100
67) Atrazine	16.51	200	343856	22.096	ng/ul	100
68) Pentachlorophenol	16.70	266	169306	17.695	ng/ul	100
69) Phenanthrene	17.08	178	1758430	22.986	ng/ul	100
71) Anthracene	17.17	178	1804012	23.076	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	433911	19.357	ng/uL	100
73) Pentachlorobenzene	14.61	250	427692	21.364	ng/uL	100
74) Carbazole	17.45	167	1623184	23.244	ng/ul	100
75) Di-n-butylphthalate	18.01	149	2016359	22.700	ng/ul	100
76) Fluoranthene	19.11	202	2036006	23.748	ng/ul	100
79) Pyrene	19.47	202	2089410	22.835	ng/ul	100
80) Butylbenzylphthalate	20.39	149	949066	22.163	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.18	252	690262	22.190	ng/ul	100
82) Benzo(a)anthracene	21.25	228	2088902	22.829	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1394047	22.547	ng/ul	100
84) Chrysene	21.30	228	1952045	22.258	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	2479822	24.000	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	2119462	23.217	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	1986936	22.234	ng/ul	100
90) Benzo(a)pyrene	23.40	252	1997727	22.636	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	2310636	21.474	ng/ul	100
92) Dibenzo(a,h)anthracene	25.74	278	1921910	21.179	ng/ul	100
93) Benzo(g,h,i)perylene	26.42	276	1926887	21.067	ng/ul	100

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