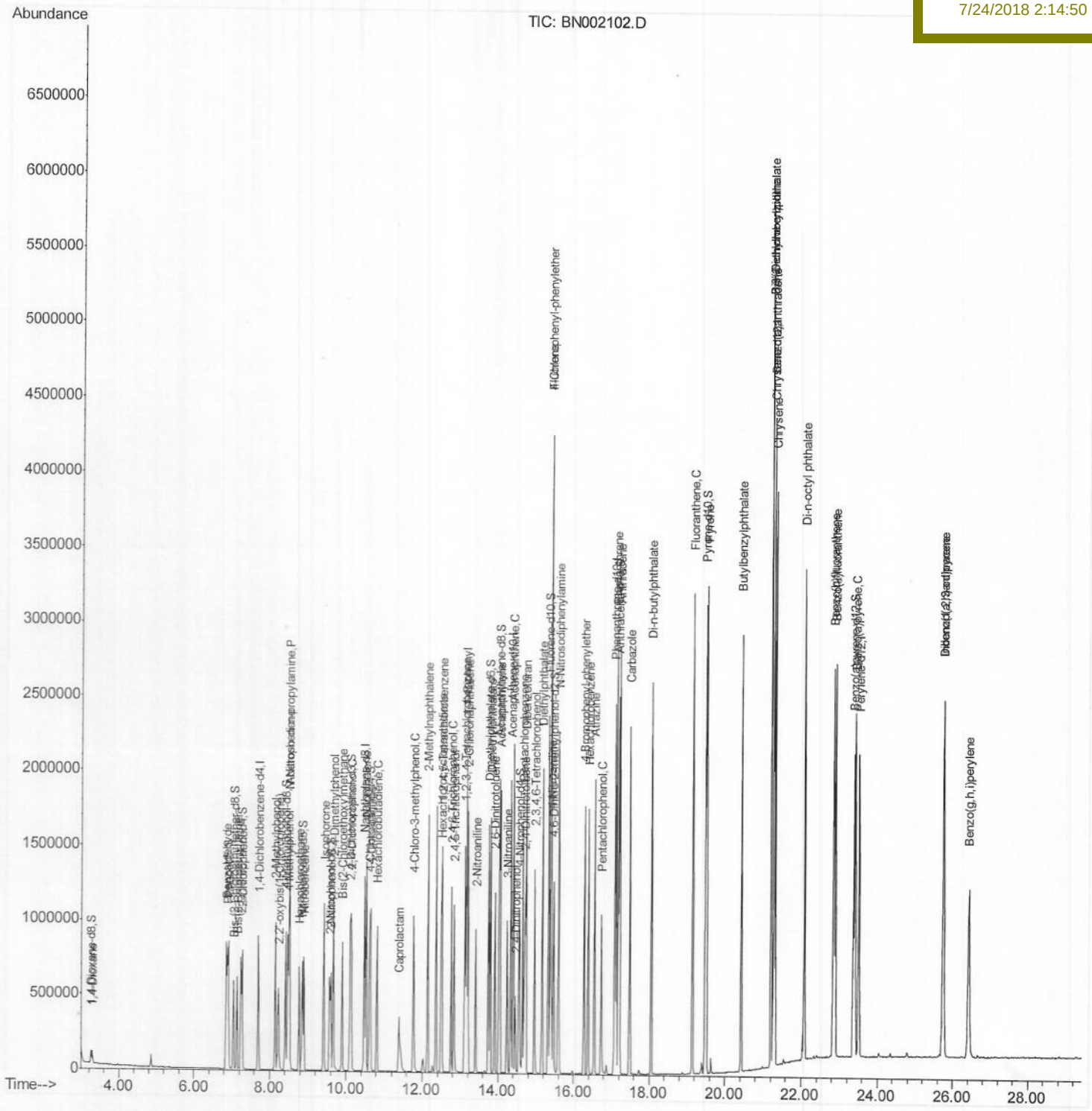
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072318\
Data File : BN002102.D
Acq On : 23 Jul 2018 12:29
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 01:39:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 23:55:09 2018
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02017

Manual Integrations APPROVED
Sohil
7/24/2018 2:14:50 PM



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Quant Time: Jul 24 01:28:16 2018
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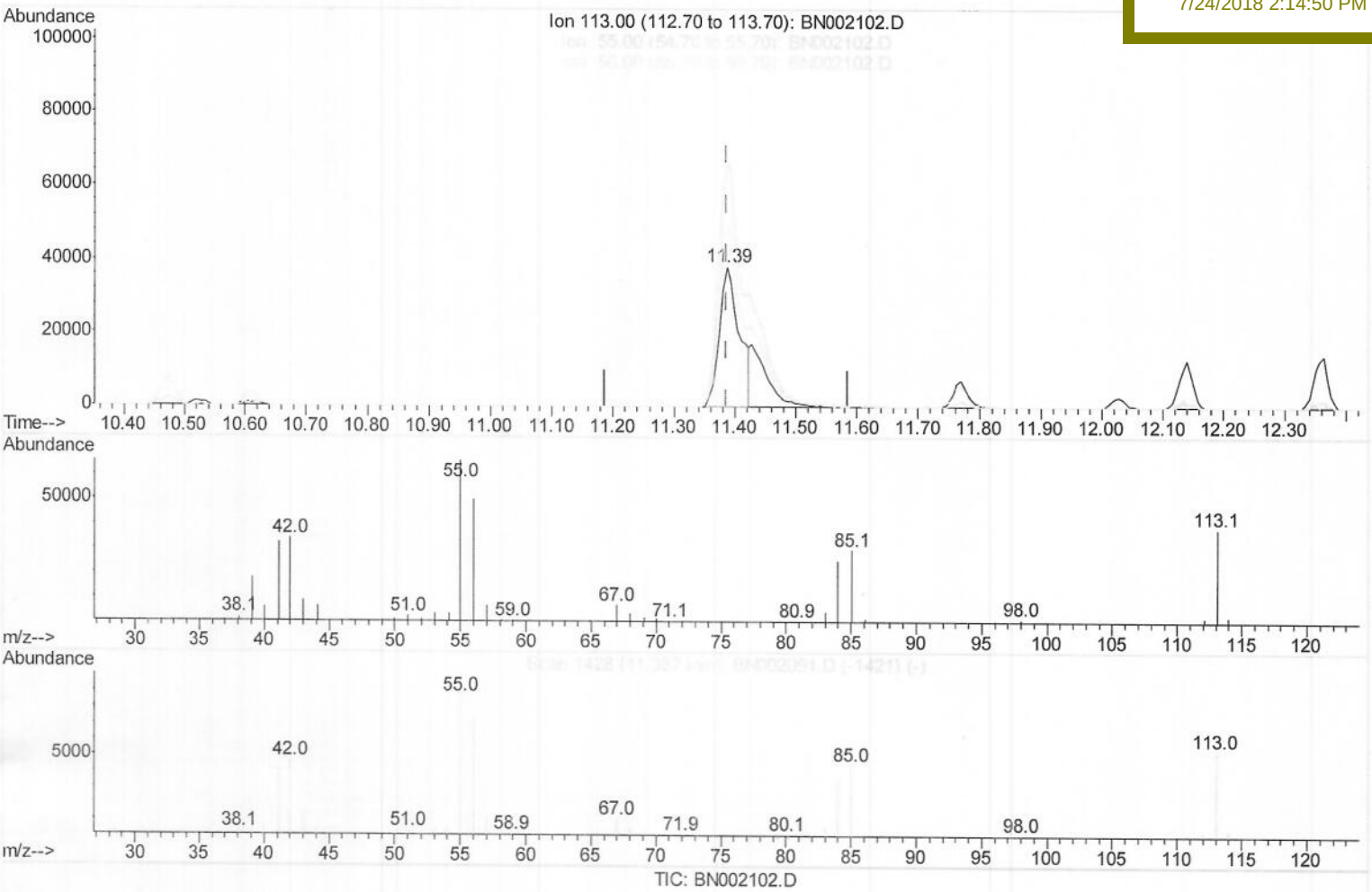

TIC: BN002102.D

(32) Caprolactam

11.387min (-0.000) 13.41ng/ul

response 86474

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	172.95#
56.00	101.50	130.43#
0.00	0.00	0.00

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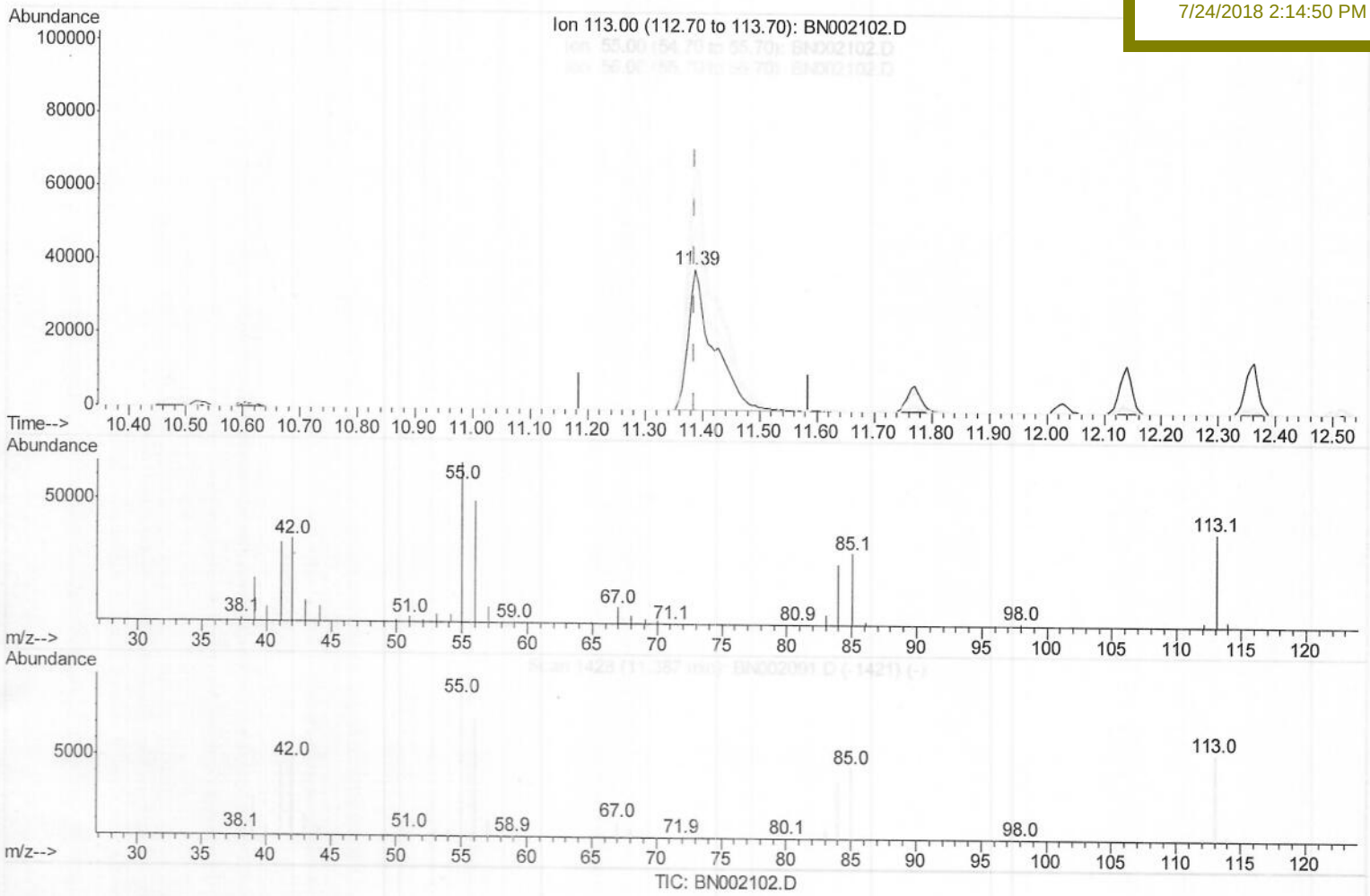

TIC: BN002102.D

(32) Caprolactam

11.387min (-0.000) 18.50ng/ul m

response 119329

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	172.95#
56.00	101.50	130.43#
0.00	0.00	0.00

SJ 07/24 118

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	231645	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1065912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	644116	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1461841	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1508762	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1370240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	40187	7.83	ng/uL	0.00
5) Phenol-d5	6.88	99	423168	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	257821	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	335517	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	345517	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	172045	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	194916	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	354557	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	475943	22.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1099584	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1368112	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	187432	17.97	ng/ul	0.00
57) Fluorene-d10	15.33	176	948897	20.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	183329	19.25	ng/ul	0.00
70) Anthracene-d10	17.17	188	1457394	20.45	ng/ul	0.00
78) Pyrene-d10	19.48	212	1578528	20.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1512234	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	39585	7.681	ng/uL	93
4) Benzaldehyde	6.85	77	280697	21.693	ng/ul	94
6) Phenol	6.90	94	427756	19.526	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.13	93	328108	19.642	ng/ul#	85
10) 2-Chlorophenol	7.27	128	330452	19.228	ng/ul#	89
11) 2-Methylphenol	8.14	108	321512	19.083	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	526741	19.182	ng/ul#	86
14) Acetophenone	8.51	105	550424	20.639	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.50	70	286423	19.600	ng/ul#	83
16) 4-Methylphenol	8.47	108	355768	19.461	ng/ul	100
17) Hexachloroethane	8.76	117	136746	20.130	ng/ul	97
20) Nitrobenzene	8.89	77	413095	20.324	ng/ul	94
21) Isophorone	9.41	82	790141	19.429	ng/ul	98
23) 2-Nitrophenol	9.59	139	200433	19.599	ng/ul#	89
24) 2,4-Dimethylphenol	9.66	107	406761	19.867	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	472032	19.281	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	342528	19.740	ng/ul	99
28) Naphthalene	10.52	128	1123649	19.954	ng/ul	100
30) 4-Chloroaniline	10.63	127	466186	22.840	ng/ul	97
31) Hexachlorobutadiene	10.81	225	215170	20.924	ng/ul	97
32) Caprolactam	11.39	113	119329m	18.502	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	384794	19.715	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	815641	19.857	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	427503	20.468	ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	252534	19.062	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	282825	19.700	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	298310	19.670	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1075088	20.056	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	840645	20.168	ng/ul	96
42) 2-Nitroaniline	13.41	65	270952	20.218	ng/ul	85
44) Dimethylphthalate	13.79	163	1074970	20.101	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	229442	20.299	ng/ul	96
47) Acenaphthylene	14.05	152	1316190	20.185	ng/ul	100
48) 3-Nitroaniline	14.24	138	230698	20.706	ng/ul	93
49) Acenaphthene	14.39	153	902124	20.045	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	106794	16.062	ng/ul#	1
52) 4-Nitrophenol	14.56	109	147328	20.209	ng/ul#	88
53) Dibenzofuran	14.73	168	1285498	20.216	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	332608	20.289	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.96	232	261612	19.646	ng/ul#	97
56) Diethylphthalate	15.16	149	1094976	20.164	ng/ul	99
58) Fluorene	15.38	166	1040706	20.500	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	517643	20.529	ng/ul	94
60) 4-Nitroaniline	15.40	138	249704	19.358	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.47	198	187247	18.994	ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	899586	20.119	ng/ul	98
65) 4-Bromophenyl-phenylether	16.27	248	327246	20.344	ng/ul	93
66) Hexachlorobenzene	16.39	284	359005	20.168	ng/ul	93
67) Atrazine	16.55	200	330229	20.468	ng/ul	96
68) Pentachlorophenol	16.73	266	185338	18.304	ng/ul	97
69) Phenanthrene	17.12	178	1677815	20.437	ng/ul	99
71) Anthracene	17.21	178	1720474	20.577	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	445064	20.418	ng/uL	99
73) Pentachlorobenzene	14.65	250	417457	20.474	ng/uL	99
74) Carbazole	17.49	167	1503385	21.257	ng/ul	99
75) Di-n-butylphthalate	18.05	149	1876287	20.064	ng/ul	100
76) Fluoranthene	19.15	202	1944964	22.324	ng/ul	100
79) Pyrene	19.51	202	1986187	20.515	ng/ul	97
80) Butylbenzylphthalate	20.42	149	874554	19.018	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	657843	20.563	ng/ul	99
82) Benzo(a)anthracene	21.26	228	1929564	20.078	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1286539	19.759	ng/ul	98
84) Chrysene	21.32	228	1798028	20.075	ng/ul	100
86) Di-n-octyl phthalate	22.08	149	2178073	24.202	ng/ul#	94
87) Benzo(b)fluoranthene	22.85	252	1764016	20.917	ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	1750554	21.849	ng/ul	99
90) Benzo(a)pyrene	23.42	252	1650910	20.602	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	1643188	17.739	ng/ul	96
92) Dibenzo(a,h)anthracene	25.75	278	1373990	17.723	ng/ul	98
93) Benzo(g,h,i)perylene	26.43	276	1308946	16.817	ng/ul	96

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