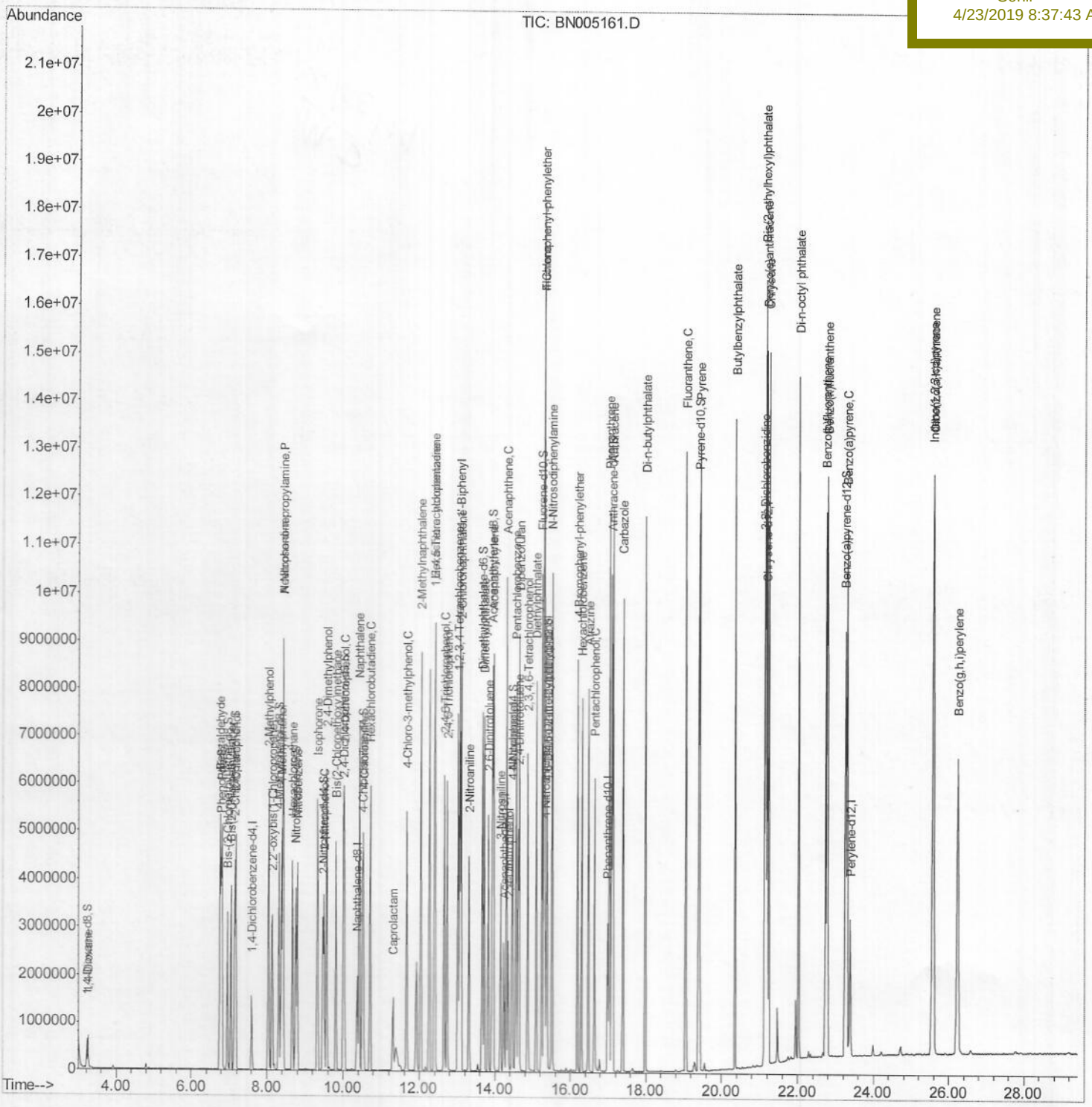
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041919\
Data File : BN005161.D
Acq On : 18 Apr 2019 21:40
Operator : JU/SJ
Sample : SSTD08062
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 19 04:16:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 03:40:10 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08062

Manual Integrations APPROVED
Sohil
4/23/2019 8:37:43 AM



Quantitation Report (Qedit)

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Quant Time: Apr 19 03:46:35 2019
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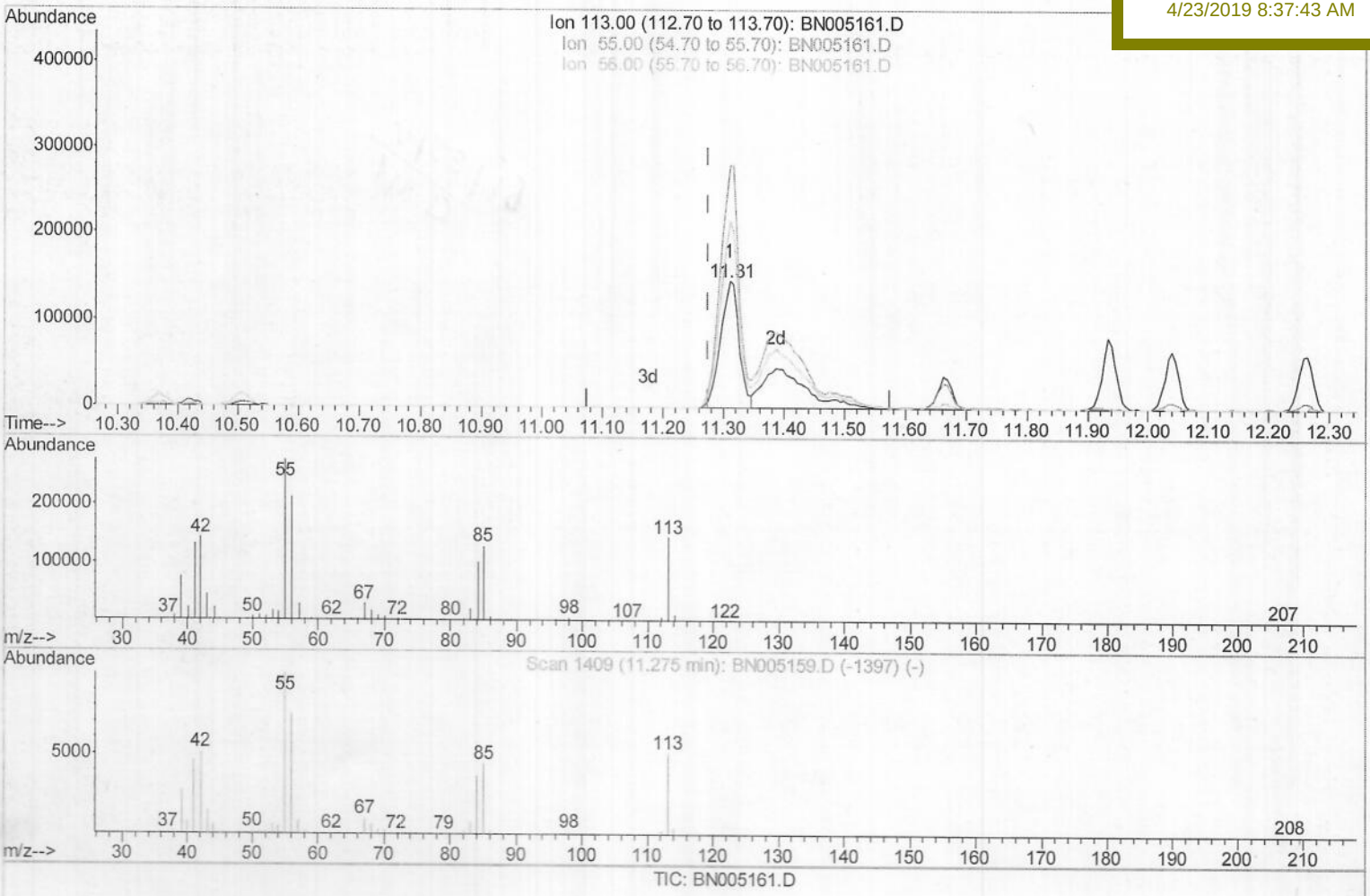

TIC: BN005161.D

(32) Caprolactam

11.310min (+0.035) 49.38ng/ul

response 312993

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	192.41
56.00	148.90	148.19
0.00	0.00	0.00

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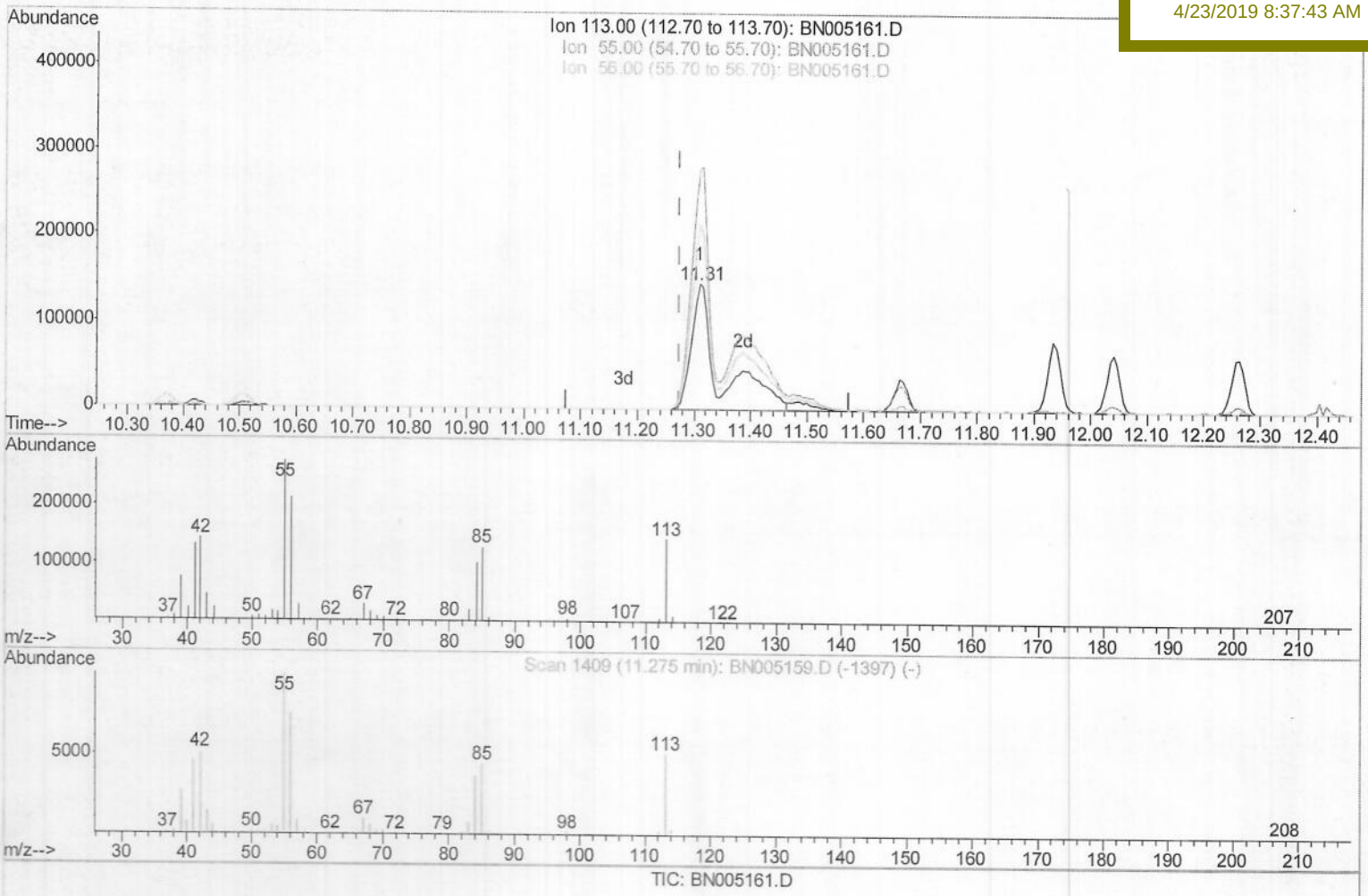

TIC: BN005161.D

(32) Caprolactam

11.310min (+0.035) 81.95ng/ul m

response 519378

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	192.41
56.00	148.90	148.19
0.00	0.00	0.00

SJ 04/24/19

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4/23/2019 8:37:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	375380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1539532	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	867078	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1813074	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1610578	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1845147	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	247955	31.63	ng/uL	0.00
5) Phenol-d5	6.79	99	2369944	81.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1453967	78.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1857910	82.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	1842375	82.25	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	862810	103.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	938630	120.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1835212	84.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.51	131	1939596	88.22	ng/ul	0.01
43) Dimethylphthalate-d6	13.66	166	4907262	77.30	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	6153587	77.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	841555	94.86	ng/ul	0.02
57) Fluorene-d10	15.24	176	4020621	76.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	756134	116.30	ng/ul	0.01
70) Anthracene-d10	17.09	188	6000836	78.69	ng/ul	0.00
78) Pyrene-d10	19.39	212	6360510	78.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	6602396	81.51	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	261376	30.949	ng/uL	93
4) Benzaldehyde	6.76	77	1689366	80.027	ng/ul	95
6) Phenol	6.82	94	2416136	80.838	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	1934305	79.940	ng/ul	97
10) 2-Chlorophenol	7.18	128	1888042	81.426	ng/ul	99
11) 2-Methylphenol	8.05	108	1817975	81.005	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	3211847	78.104	ng/ul	99
14) Acetophenone	8.42	105	2849068	78.261	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	1497424	75.374	ng/ul	96
16) 4-Methylphenol	8.38	108	1931205	80.639	ng/ul	95
17) Hexachloroethane	8.67	117	819224	82.111	ng/ul	99
20) Nitrobenzene	8.79	77	2212896	91.600	ng/ul	98
21) Isophorone	9.32	82	4196355	78.162	ng/ul	100
23) 2-Nitrophenol	9.50	139	999819	106.100	ng/ul	95
24) 2,4-Dimethylphenol	9.56	107	2205769	79.964	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	2579737	78.070	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	1771270	82.795	ng/ul	99
28) Naphthalene	10.42	128	5615093	78.137	ng/ul	99
30) 4-Chloroaniline	10.53	127	1946898	87.268	ng/ul	100
31) Hexachlorobutadiene	10.71	225	1271216	82.642	ng/ul	98
32) Caprolactam	11.31	113	519378m	81.947	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	1955313	81.536	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	3998761	76.609	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	2203798	80.820 ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	1572795	87.674 ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	1391358	86.389 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	1482656	88.325 ng/ul	98
40) 1,1'-Biphenyl	13.07	154	5074578	77.485 ng/ul	99
41) 2-Chloronaphthalene	13.10	162	3946136	78.630 ng/ul	99
42) 2-Nitroaniline	13.32	65	1249697	116.216 ng/ul	98
44) Dimethylphthalate	13.72	163	4831263	77.089 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	1004252	113.702 ng/ul	95
47) Acenaphthylene	13.96	152	5898484	76.576 ng/ul	98
48) 3-Nitroaniline	14.15	138	888939	103.131 ng/ul	96
49) Acenaphthene	14.30	153	4043640	77.542 ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	493617	128.624 ng/ul	99
52) 4-Nitrophenol	14.47	109	751089	90.923 ng/ul	96
53) Dibenzofuran	14.65	168	5726067	76.637 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	1396292	108.777 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.87	232	1230614	88.402 ng/ul	99
56) Diethylphthalate	15.10	149	4918720	76.524 ng/ul	99
58) Fluorene	15.30	166	4319056	73.481 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	2300329	74.848 ng/ul	98
60) 4-Nitroaniline	15.33	138	1058713	94.680 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.38	198	794802	110.254 ng/ul	98
64) N-Nitrosodiphenylamine	15.52	169	3932709	78.859 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	1495805	81.413 ng/ul	98
66) Hexachlorobenzene	16.30	284	1593209	83.049 ng/ul	96
67) Atrazine	16.48	200	1518970	82.338 ng/ul	99
68) Pentachlorophenol	16.64	266	988221	91.374 ng/ul	100
69) Phenanthrene	17.03	178	6855906	77.840 ng/ul	98
71) Anthracene	17.13	178	6945319	77.112 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	2254849	84.174 ng/uL	97
73) Pentachlorobenzene	14.56	250	1966584	83.033 ng/uL	98
74) Carbazole	17.40	167	6162517	80.074 ng/ul	99
75) Di-n-butylphthalate	17.99	149	7942681	77.312 ng/ul	99
76) Fluoranthene	19.06	202	7886114	80.012 ng/ul	98
79) Pyrene	19.43	202	7805216	76.491 ng/ul	99
80) Butylbenzylphthalate	20.36	149	3661747	87.043 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	2832332	86.099 ng/ul	99
82) Benzo(a)anthracene	21.19	228	7912329	78.558 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	5404055	79.574 ng/ul#	97
84) Chrysene	21.24	228	7277885	77.402 ng/ul	98
86) Di-n-octyl phthalate	22.03	149	9308927	80.458 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	8058878	77.155 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	7885200	80.254 ng/ul	99
90) Benzo(a)pyrene	23.30	252	7748895	79.166 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.57	276	9151926	82.729 ng/ul	99
92) Dibenzo(a,h)anthracene	25.59	278	7668859	82.274 ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	7751793	83.971 ng/ul	97

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