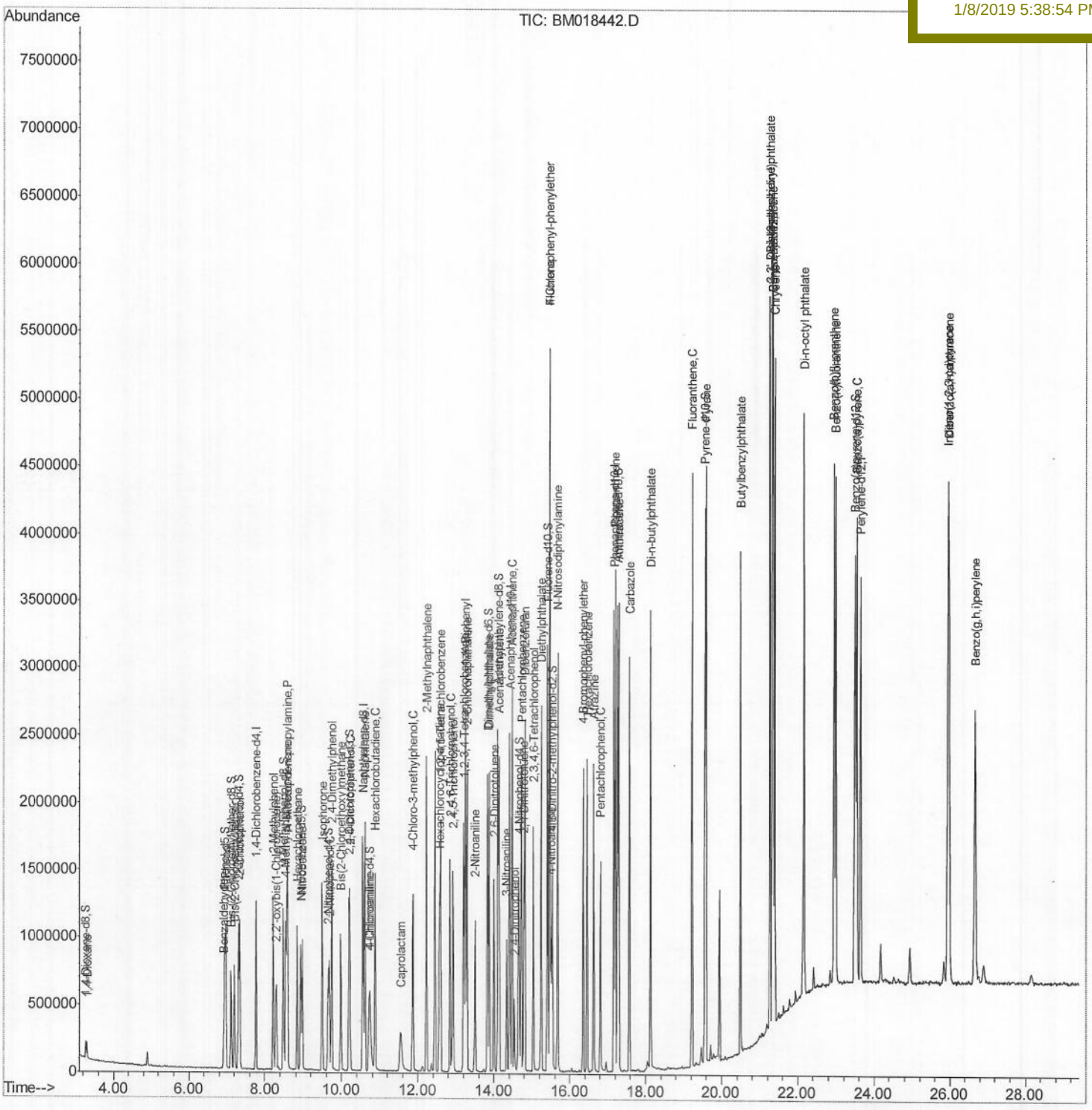
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010719\
Data File : BM018442.D
Acq On : 07 Jan 2019 13:51
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 07 14:25:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 07 14:01:47 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV08

Manual Integrations APPROVED
Sohil
1/8/2019 5:38:54 PM



Quantitation Report (Qedit)

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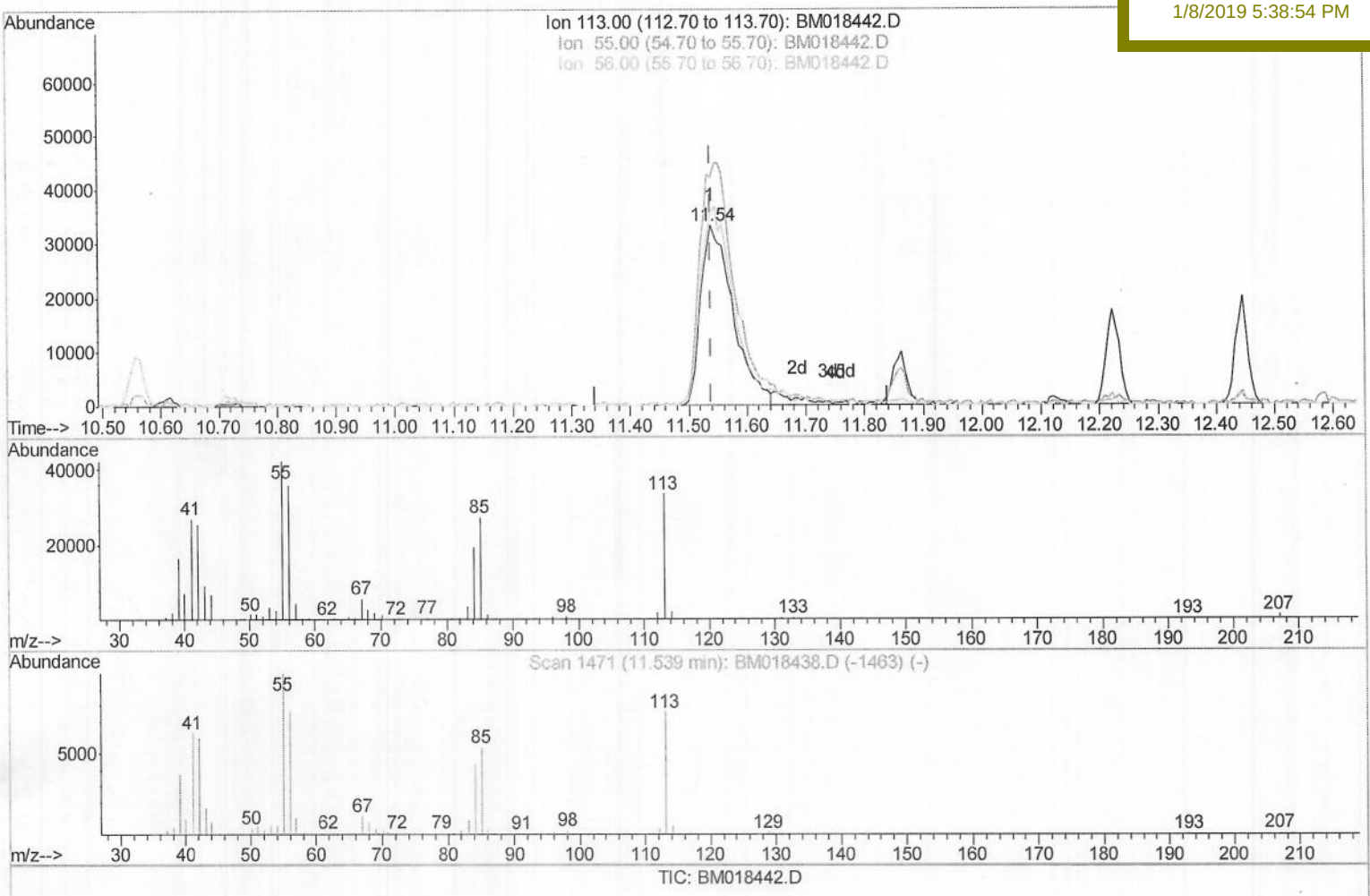

TIC: BM018442.D

(32) Caprolactam

11.539min (-0.000) 18.71ng/ul

response 127604

Ion	Exp%	Act%
113.00	100	100
55.00	134.90	126.02
56.00	103.80	106.84
0.00	0.00	0.00

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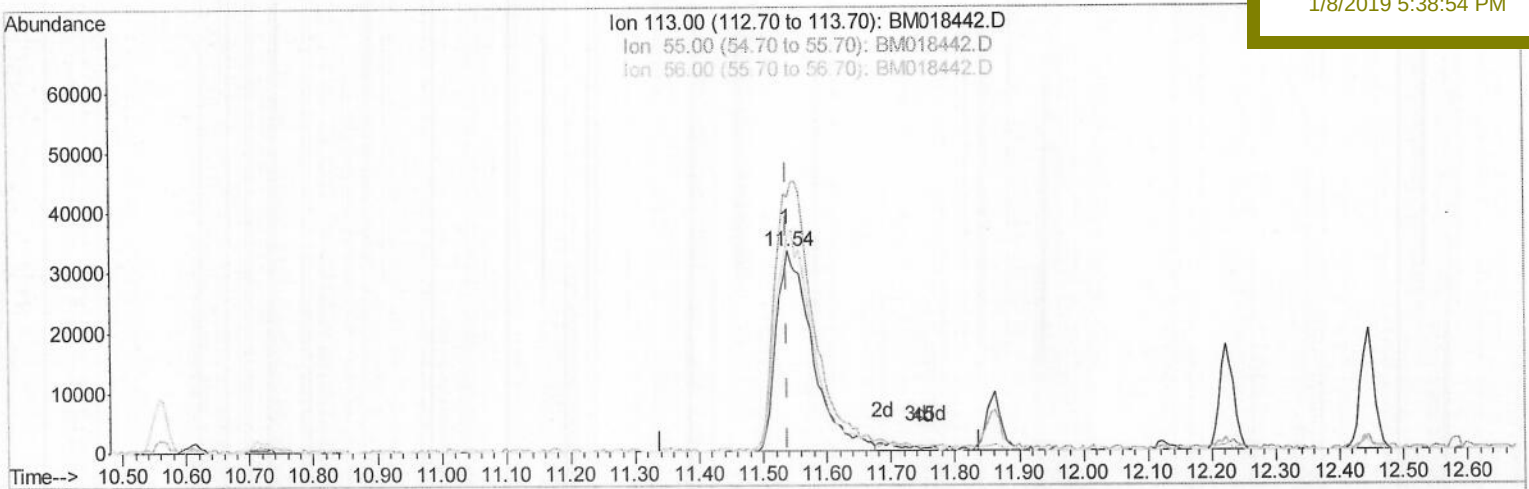

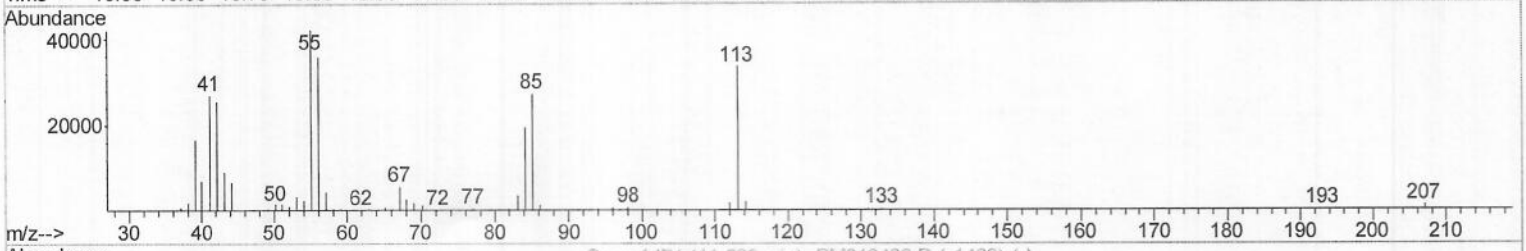

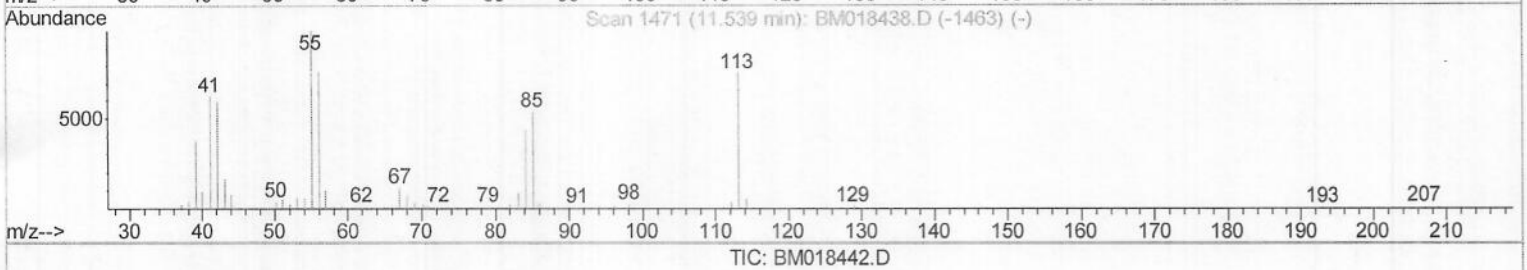

TIC: BM018442.D

(32) Caprolactam

11.539min (-0.000) 19.24ng/ul m

response 131156

Ion	Exp%	Act%
113.00	100	100
55.00	134.90	126.02
56.00	103.80	106.84
0.00	0.00	0.00

SJ 1/8/19

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Manual Integrations APPROVED
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1/8/2019 5:38:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	346997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1469877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	847722	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1903814	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2041505	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2062813	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	58879	7.91	ng/uL	0.00
5) Phenol-d5	6.95	99	532372	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	303573	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	484577	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	439621	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	228377	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	236733	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	479732	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	371186	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1448827	19.92	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1804459	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	245271	19.53	ng/ul	0.00
57) Fluorene-d10	15.41	176	1227104	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	201017	19.28	ng/ul	0.00
70) Anthracene-d10	17.26	188	1880088	20.30	ng/ul	0.00
78) Pyrene-d10	19.56	212	2072236	19.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2261423	20.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	56719	7.380	ng/uL	94
4) Benzaldehyde	6.92	77	102426	21.321	ng/ul	96
6) Phenol	6.97	94	526815	19.771	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	407222	19.782	ng/ul	99
10) 2-Chlorophenol	7.33	128	482227	20.298	ng/ul	99
11) 2-Methylphenol	8.22	108	410855	19.605	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	521191	19.865	ng/ul	97
14) Acetophenone	8.59	105	691033	20.242	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	327892	20.081	ng/ul	98
16) 4-Methylphenol	8.54	108	440755	20.033	ng/ul	99
17) Hexachloroethane	8.83	117	194940	19.845	ng/ul	96
20) Nitrobenzene	8.97	77	497726	20.271	ng/ul	98
21) Isophorone	9.49	82	910400	19.935	ng/ul	99
23) 2-Nitrophenol	9.68	139	258299	20.802	ng/ul	94
24) 2,4-Dimethylphenol	9.74	107	515679	20.078	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	558274	19.725	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	450351	20.186	ng/ul	99
28) Naphthalene	10.61	128	1498063	19.946	ng/ul	100
30) 4-Chloroaniline	10.75	127	357407	20.238	ng/ul	98
31) Hexachlorobutadiene	10.88	225	304766	20.044	ng/ul	96
32) Caprolactam	11.54	113	131156m	19.235	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	464166	20.574	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	1092898	19.860	ng/ul	98

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1/8/2019 5:38:54 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	574358	19.945 ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	332801	19.196 ng/ul	97
38) 2,4,6-Trichlorophenol	12.84	196	355015	20.103 ng/ul	97
39) 2,4,5-Trichlorophenol	12.92	196	383999	20.043 ng/ul	100
40) 1,1'-Biphenyl	13.24	154	1392354	19.695 ng/ul	100
41) 2-Chloronaphthalene	13.29	162	1099832	19.631 ng/ul	98
42) 2-Nitroaniline	13.50	65	272738	20.453 ng/ul	97
44) Dimethylphthalate	13.87	163	1415461	19.985 ng/ul	98
45) 2,6-Dinitrotoluene	14.00	165	269775	20.424 ng/ul	99
47) Acenaphthylene	14.13	152	1665498	20.016 ng/ul	99
48) 3-Nitroaniline	14.33	138	241594	20.422 ng/ul	100
49) Acenaphthene	14.48	153	1172374	19.694 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	112918	17.778 ng/ul	95
52) 4-Nitrophenol	14.66	109	201610	19.372 ng/ul	96
53) Dibenzofuran	14.81	168	1645908	19.721 ng/ul	100
54) 2,4-Dinitrotoluene	14.78	165	403388	20.775 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	330309	20.449 ng/ul	98
56) Diethylphthalate	15.24	149	1433990	20.111 ng/ul	99
58) Fluorene	15.46	166	1342211	19.838 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	688337	19.881 ng/ul	99
60) 4-Nitroaniline	15.50	138	274425	19.519 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	219872	19.906 ng/ul#	98
64) N-Nitrosodiphenylamine	15.67	169	1164404	20.268 ng/ul	97
65) 4-Bromophenyl-phenylether	16.36	248	413322	20.207 ng/ul	95
66) Hexachlorobenzene	16.46	284	459581	20.360 ng/ul	95
67) Atrazine	16.63	200	411613	20.308 ng/ul	98
68) Pentachlorophenol	16.81	266	244359	19.075 ng/ul	98
69) Phenanthrene	17.20	178	2156459	20.141 ng/ul	99
71) Anthracene	17.30	178	2194297	20.282 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	553386	20.053 ng/uL	99
73) Pentachlorobenzene	14.72	250	537056	20.330 ng/uL	97
74) Carbazole	17.57	167	1947921	20.478 ng/ul	100
75) Di-n-butylphthalate	18.13	149	2331822	20.278 ng/ul	100
76) Fluoranthene	19.22	202	2551805	21.330 ng/ul	99
79) Pyrene	19.59	202	2590941	20.054 ng/ul	99
80) Butylbenzylphthalate	20.49	149	1073540	20.089 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	866247	20.424 ng/ul	99
82) Benzo(a)anthracene	21.34	228	2590769	19.865 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1571437	19.767 ng/ul	99
84) Chrysene	21.39	228	2449386	20.111 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	2708719	20.872 ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2556827	19.968 ng/ul	99
88) Benzo(k)fluoranthene	22.99	252	2517206	20.417 ng/ul	100
90) Benzo(a)pyrene	23.54	252	2469742	20.151 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.95	276	2902377	20.095 ng/ul	98
92) Dibenzo(a,h)anthracene	25.97	278	2417701	20.101 ng/ul	97
93) Benzo(g,h,i)perylene	26.66	276	2400542	19.959 ng/ul	99

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