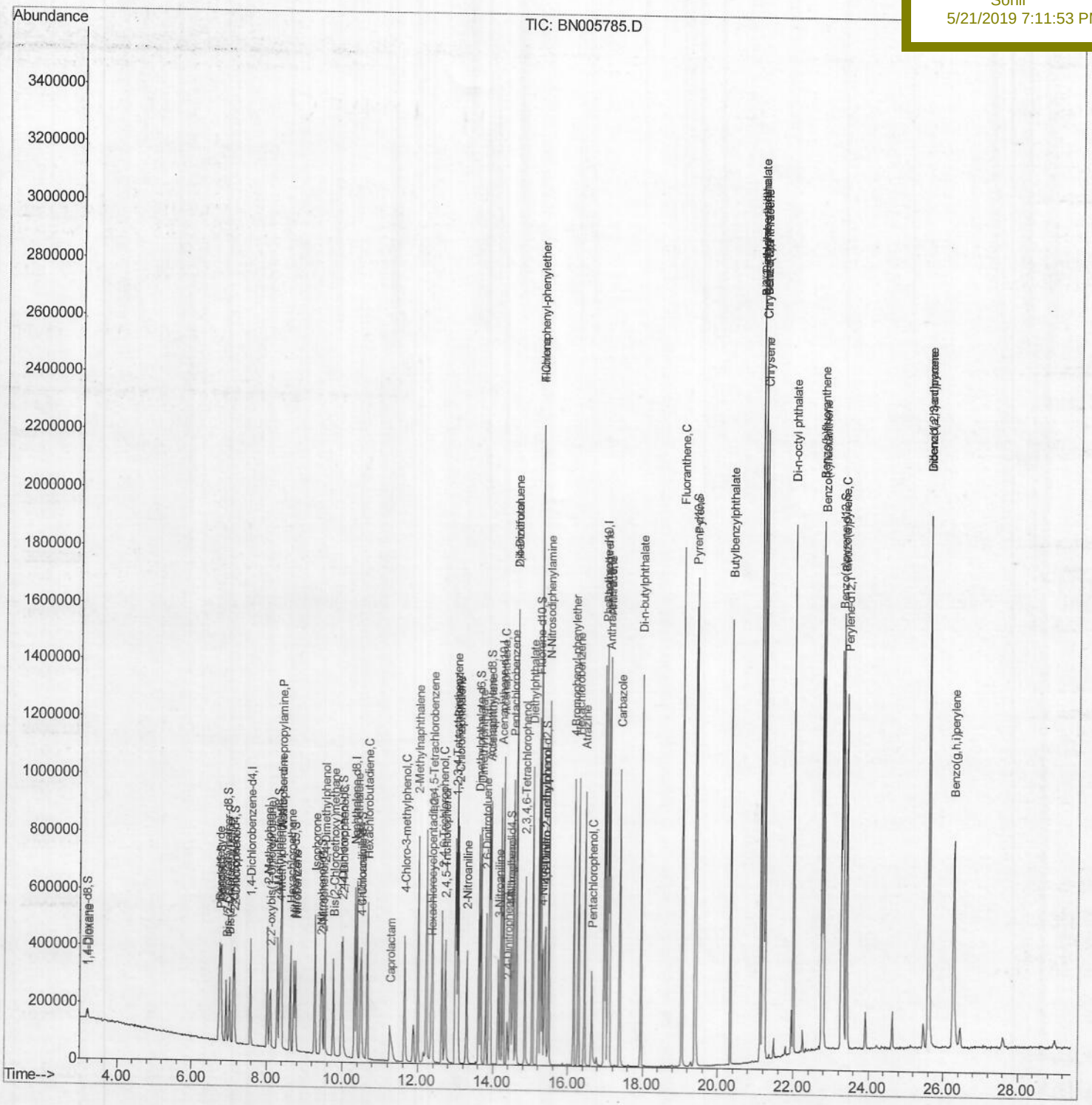
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005785.D
Acq On : 19 May 2019 10:54
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 20 05:49:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02083

Manual Integrations APPROVED
Sohil
5/21/2019 7:11:53 PM



Quantitation Report (Qedit)

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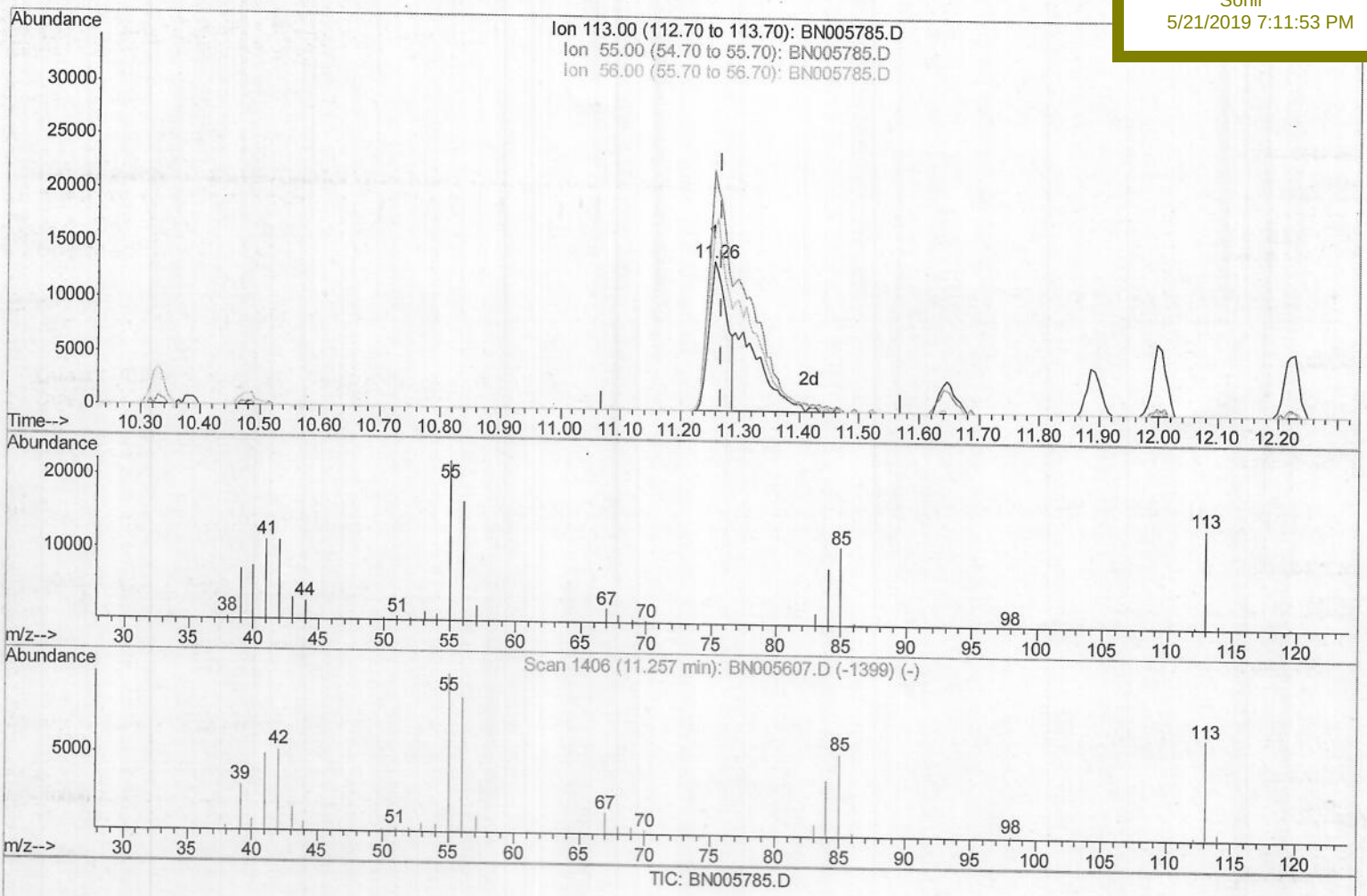

TIC: BN005785.D

(32) Caprolactam

11.257min (-0.012) 10.81ng/ul

response 28639

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	160.70
56.00	148.90	120.57
0.00	0.00	0.00

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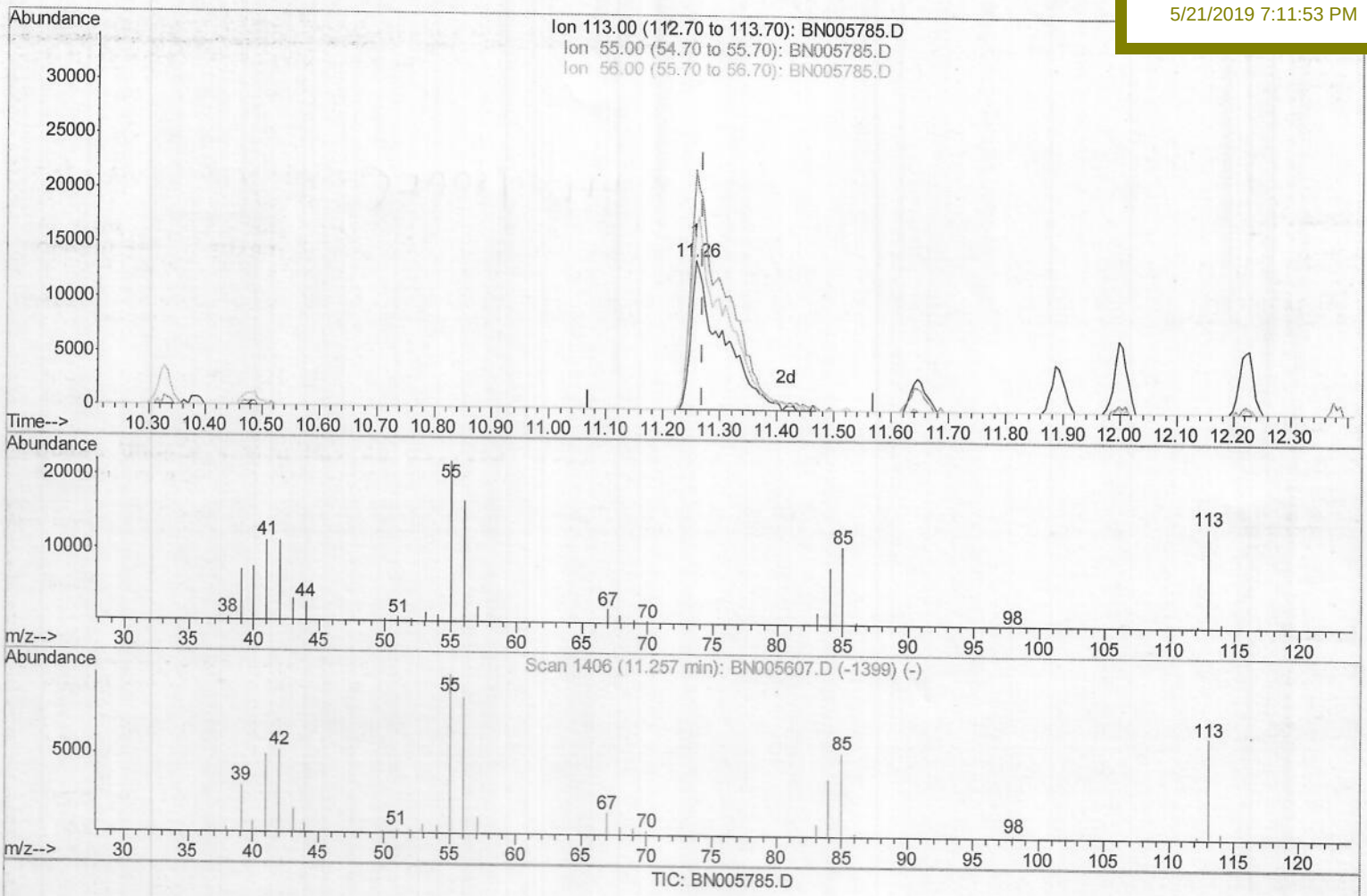

TIC: BN005785.D

(32) Caprolactam

11.257min (-0.012) 20.19ng/ul m JU 05/22/19

response 53478

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	160.70
56.00	148.90	120.57
0.00	0.00	0.00

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5/21/2019 7:11:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	106180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	469711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	320050	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.97	188	815652	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	900366	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	1017269	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	16206	8.54	ng/uL	0.00
5) Phenol-d5	6.76	99	166819	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	88546	20.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	140129	21.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	141195	20.12	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	71855	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	82156	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	164667	21.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	176410	21.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	542104	22.01	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	664593	22.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	68670	19.79	ng/ul	0.00
57) Fluorene-d10	15.21	176	472727	22.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	96660	19.72	ng/ul	-0.01
70) Anthracene-d10	17.07	188	790495	22.43	ng/ul	0.00
78) Pyrene-d10	19.38	212	927154	20.90	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.27	264	1015150	22.25	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	17049	8.539	ng/uL	94
4) Benzaldehyde	6.73	77	120297	20.252	ng/ul	96
6) Phenol	6.79	94	170714	20.409	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.01	93	130730	21.327	ng/ul	91
10) 2-Chlorophenol	7.14	128	141941	21.242	ng/ul	91
11) 2-Methylphenol	8.02	108	136170	20.502	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	166614	20.671	ng/ul#	91
14) Acetophenone	8.39	105	239286	21.298	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	108902	20.073	ng/ul#	96
16) 4-Methylphenol	8.35	108	147312	20.152	ng/ul	96
17) Hexachloroethane	8.62	117	62381	21.757	ng/ul	86
20) Nitrobenzene	8.76	77	172310	21.862	ng/ul	97
21) Isophorone	9.27	82	330050	21.004	ng/ul	94
23) 2-Nitrophenol	9.46	139	85799	20.933	ng/ul#	95
24) 2,4-Dimethylphenol	9.53	107	183356	21.662	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	184145	20.724	ng/ul	100
27) 2,4-Dichlorophenol	10.00	162	164546	22.760	ng/ul	96
28) Naphthalene	10.38	128	489951	21.836	ng/ul	98
30) 4-Chloroaniline	10.50	127	179551	21.279	ng/ul	98
31) Hexachlorobutadiene	10.66	225	124660	23.640	ng/ul	97
32) Caprolactam	11.26	113	53478m)	20.188	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	177848	21.749	ng/ul	95
34) 2-Methylnaphthalene	12.00	142	384168	22.170	ng/ul	99

)JU 05/22/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	242494	23.533 ng/ul	98
37) Hexachlorocyclopentadiene	12.35	237	76086	23.692 ng/ul	98
38) 2,4,6-Trichlorophenol	12.63	196	143717	22.531 ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	148686	22.190 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	527480	22.665 ng/ul#	97
41) 2-Chloronaphthalene	13.07	162	415652	22.612 ng/ul	96
42) 2-Nitroaniline	13.30	65	110138	20.786 ng/ul	88
44) Dimethylphthalate	13.67	163	542227	22.332 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	110002	21.501 ng/ul	96
47) Acenaphthylene	13.93	152	641411	22.262 ng/ul	99
48) 3-Nitroaniline	14.14	138	94144	20.884 ng/ul	91
49) Acenaphthene	14.27	153	439421	22.509 ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	43413	16.490 ng/ul	94
52) 4-Nitrophenol	14.47	109	68203	21.051 ng/ul	91
53) Dibenzofuran	14.61	168	651023	22.477 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	171011	22.306 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.85	232	142799	22.952 ng/ul#	92
56) Diethylphthalate	15.05	149	546602	22.244 ng/ul	98
58) Fluorene	15.26	166	529324	22.467 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	298074	23.191 ng/ul	96
60) 4-Nitroaniline	15.31	138	108717	21.632 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.39	198	96888	19.728 ng/ul#	99
64) N-Nitrosodiphenylamine	15.48	169	464936	22.025 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	194694	22.795 ng/ul	96
66) Hexachlorobenzene	16.28	284	218990	22.854 ng/ul#	89
67) Atrazine	16.45	200	188648	21.297 ng/ul	97
68) Pentachlorophenol	16.63	266	84532	19.121 ng/ul	98
69) Phenanthrene	17.01	178	890171	22.017 ng/ul	99
71) Anthracene	17.10	178	911290	22.136 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	255494	23.365 ng/uL	99
73) Pentachlorobenzene	14.54	250	248531	23.044 ng/uL	100
74) Carbazole	17.38	167	788698	21.730 ng/ul	99
75) Di-n-butylphthalate	17.94	149	915458	21.115 ng/ul	99
76) Fluoranthene	19.04	202	1130980	22.625 ng/ul#	91
79) Pyrene	19.42	202	1166644	21.100 ng/ul#	87
80) Butylbenzylphthalate	20.33	149	431149	19.034 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.12	252	363291	19.209 ng/ul#	98
82) Benzo(a)anthracene	21.19	228	1243915	21.930 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	620946	19.321 ng/ul#	96
84) Chrysene	21.24	228	1161718	21.726 ng/ul	99
86) Di-n-octyl phthalate	22.00	149	1131024	20.838 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	1261594	22.543 ng/ul#	96
88) Benzo(k)fluoranthene	22.80	252	1233131	22.772 ng/ul#	97
90) Benzo(a)pyrene	23.32	252	1214436	22.410 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	1344023	20.286 ng/ul#	92
92) Dibenzo(a,h)anthracene	25.60	278	1135231	20.355 ng/ul#	93
93) Benzo(g,h,i)perylene	26.27	276	1083300	19.560 ng/ul#	90

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