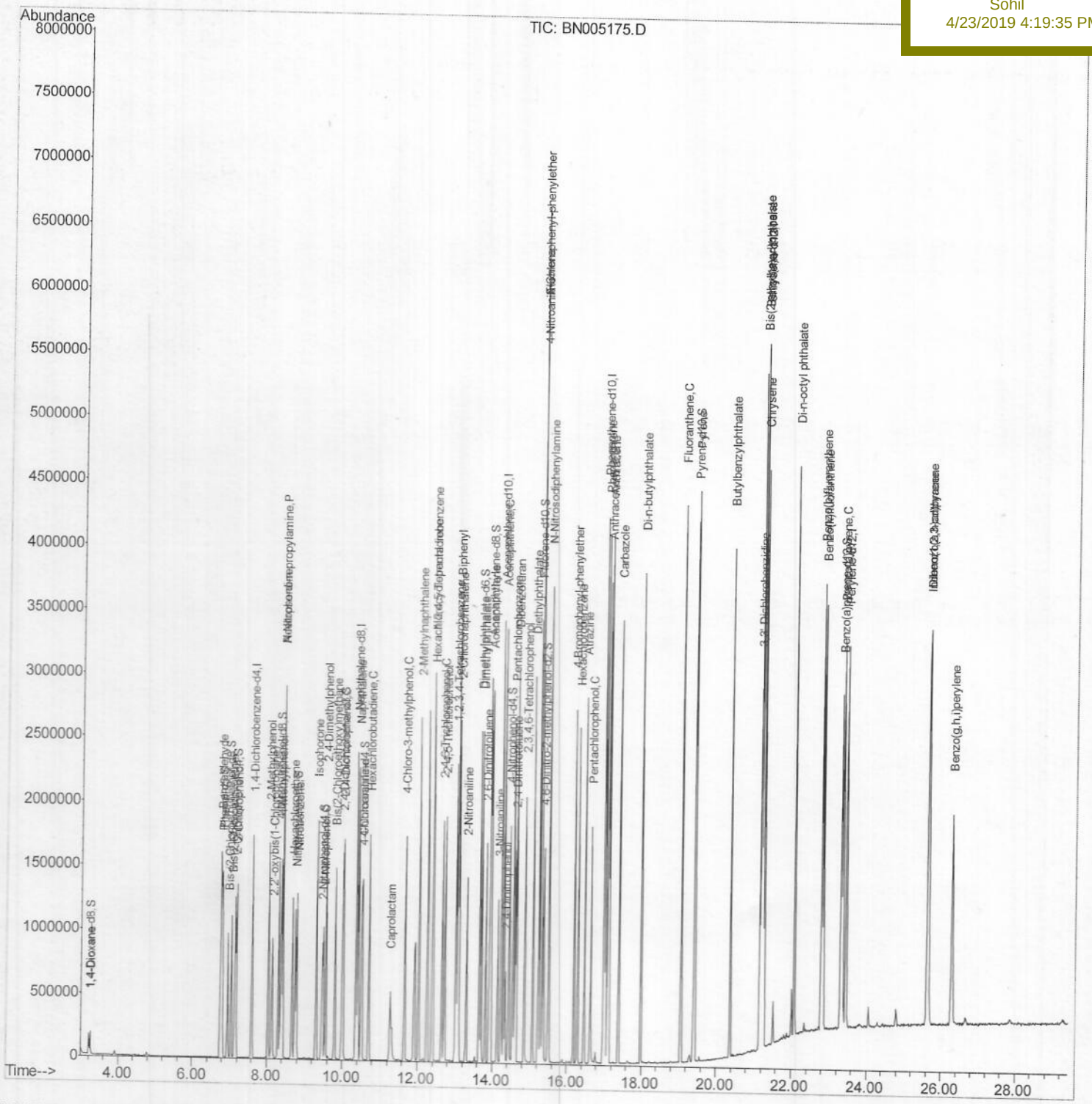
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005175.D
Acq On : 22 Apr 2019 15:47
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 04:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
Sohil
4/23/2019 4:19:35 PM



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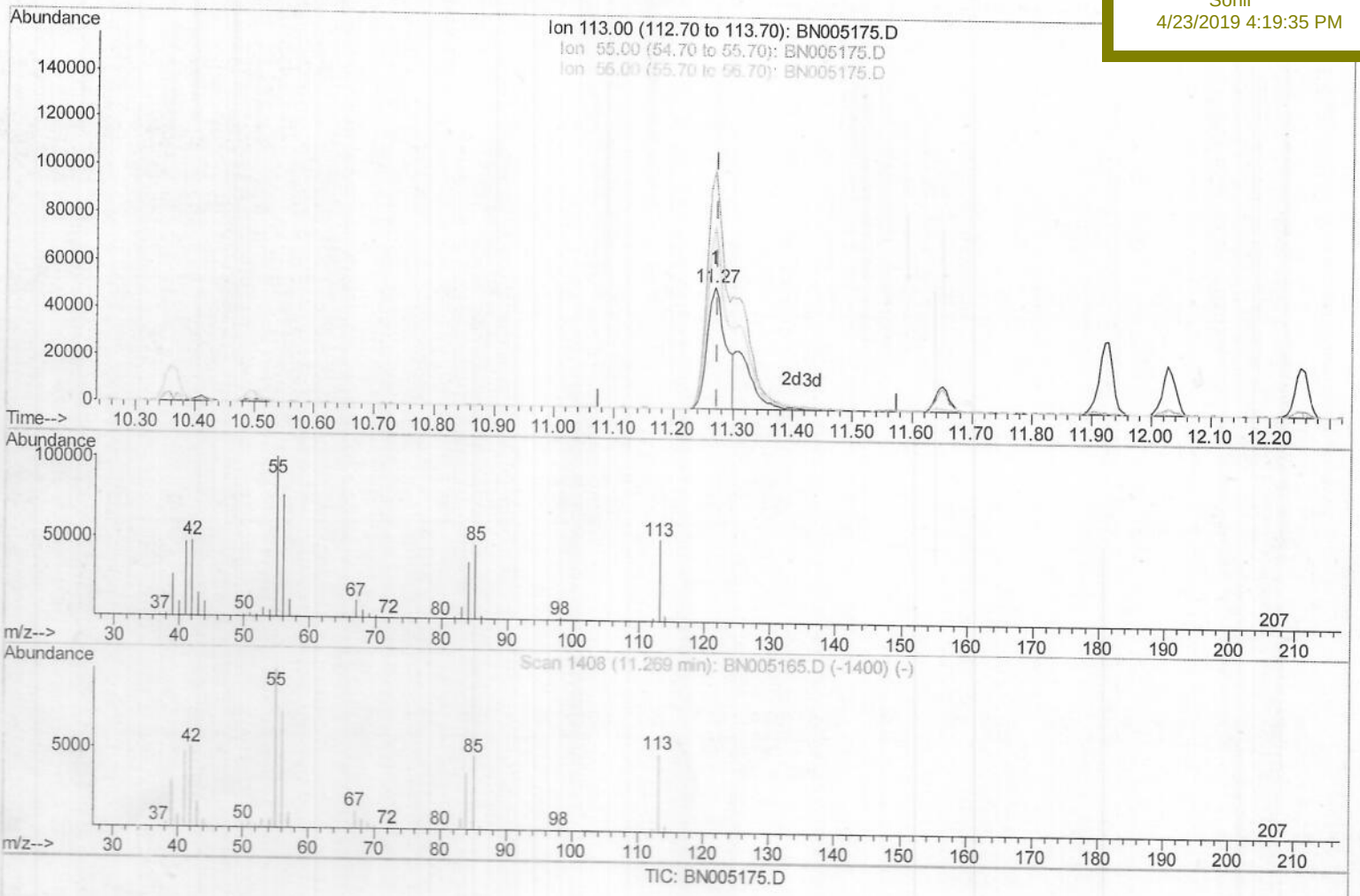

TIC: BN005175.D

(32) Caprolactam

11.269min (-0.006) 14.14ng/ul

response 110904

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	194.28
56.00	148.90	148.50
0.00	0.00	0.00

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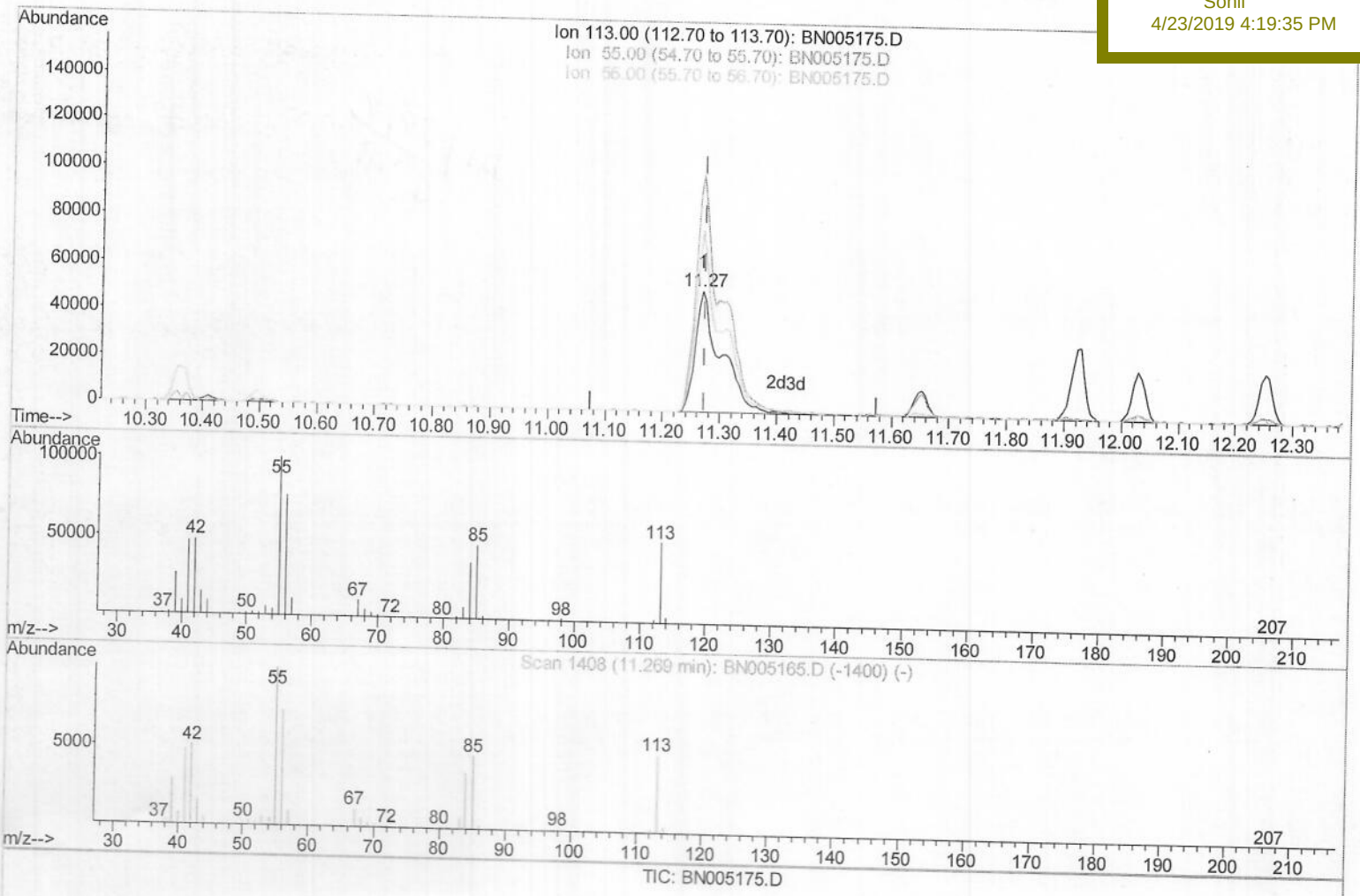

TIC: BN005175.D

(32) Caprolactam

11.269min (-0.006) 20.71ng/ul m

response 162364

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	194.28
56.00	148.90	148.50
0.00	0.00	0.00

SJ
04/24/19

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4/23/2019 4:19:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	428672	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1835883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1101601	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2392207	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1987745	20.00	ng/ul	0.03
85) Perylene-d12	23.44	264	2021419	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	68414	7.71	ng/uL	0.00
5) Phenol-d5	6.78	99	666334	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	415986	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	512971	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	526184	19.99	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	241632	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	255759	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	537044	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	546038	20.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1603007	20.05	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1998290	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	261358	20.70	ng/ul	0.00
57) Fluorene-d10	15.23	176	1347567	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	215359	20.02	ng/ul	0.00
70) Anthracene-d10	17.09	188	2024823	20.19	ng/ul	0.00
78) Pyrene-d10	19.40	212	2104428	20.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1751786	19.83	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	72634	7.606	ng/uL	95
4) Benzaldehyde	6.75	77	469050	19.659	ng/ul	97
6) Phenol	6.80	94	694068	20.042	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	551100	19.875	ng/ul	96
10) 2-Chlorophenol	7.17	128	528767	19.850	ng/ul	98
11) 2-Methylphenol	8.03	108	518172	19.968	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	913327	19.617	ng/ul	98
14) Acetophenone	8.41	105	865750	20.554	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.40	70	450394	19.990	ng/ul	98
16) 4-Methylphenol	8.36	108	567026	20.233	ng/ul	95
17) Hexachloroethane	8.66	117	225160	19.465	ng/ul	99
20) Nitrobenzene	8.78	77	645514	20.758	ng/ul	98
21) Isophorone	9.30	82	1247602	20.263	ng/ul	100
23) 2-Nitrophenol	9.49	139	287393	22.140	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	656604	20.202	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	773721	19.996	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	529862	20.446	ng/ul	99
28) Naphthalene	10.41	128	1716042	20.107	ng/ul	99
30) 4-Chloroaniline	10.52	127	558445	20.247	ng/ul	100
31) Hexachlorobutadiene	10.70	225	364654	19.926	ng/ul	98
32) Caprolactam	11.27	113	162364m	20.707	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	587057	20.118	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	1260258	20.167	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	685909	20.120	ng/ul	97
37) Hexachlorocyclopentadiene	12.39	237	447389	19.248	ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	421036	20.481	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	457880	20.728	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	1646589	20.061	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	1264162	20.026	ng/ul	98
42) 2-Nitroaniline	13.30	65	370359	22.120	ng/ul	94
44) Dimethylphthalate	13.70	163	1590233	19.958	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	307380	22.341	ng/ul	99
47) Acenaphthylene	13.95	152	1938400	20.082	ng/ul	99
48) 3-Nitroaniline	14.13	138	263821	20.626	ng/ul	99
49) Acenaphthene	14.30	153	1323995	20.093	ng/ul	99
50) 2,4-Dinitrophenol	14.34	184	133752	19.957	ng/ul	93
52) 4-Nitrophenol	14.45	109	230211	20.086	ng/ul	90
53) Dibenzofuran	14.63	168	1913672	20.171	ng/ul	100
54) 2,4-Dinitrotoluene	14.60	165	442326	22.301	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.86	232	389551	21.198	ng/ul	96
56) Diethylphthalate	15.08	149	1617820	20.249	ng/ul	100
58) Fluorene	15.29	166	1488943	20.112	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	786253	20.021	ng/ul	99
60) 4-Nitroaniline	15.30	138	330948	20.755	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.36	198	234964	20.519	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	1310843	20.021	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	490349	20.347	ng/ul	99
66) Hexachlorobenzene	16.29	284	519544	20.245	ng/ul	96
67) Atrazine	16.47	200	483495	19.836	ng/ul	99
68) Pentachlorophenol	16.63	266	301346	20.055	ng/ul	98
69) Phenanthrene	17.03	178	2331346	20.011	ng/ul	99
71) Anthracene	17.12	178	2376226	20.022	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	700896	20.059	ng/uL	98
73) Pentachlorobenzene	14.55	250	634583	20.179	ng/uL	99
74) Carbazole	17.39	167	2068895	20.293	ng/ul	100
75) Di-n-butylphthalate	17.99	149	2600326	20.328	ng/ul	100
76) Fluoranthene	19.06	202	2594243	20.075	ng/ul	99
79) Pyrene	19.43	202	2624194	20.504	ng/ul	99
80) Butylbenzylphthalate	20.37	149	1056703	20.854	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.15	252	737091	18.560	ng/ul	100
82) Benzo(a)anthracene	21.21	228	2451038	19.821	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1620274	20.766	ng/ul	99
84) Chrysene	21.27	228	2315624	20.177	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2652948	21.428	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	2304904	20.284	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	2167339	19.971	ng/ul	100
90) Benzo(a)pyrene	23.35	252	2133804	19.978	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	2323875	19.679	ng/ul	99
92) Dibenzo(a,h)anthracene	25.65	278	1978467	19.742	ng/ul	98
93) Benzo(g,h,i)perylene	26.29	276	1904516	19.505	ng/ul	99

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