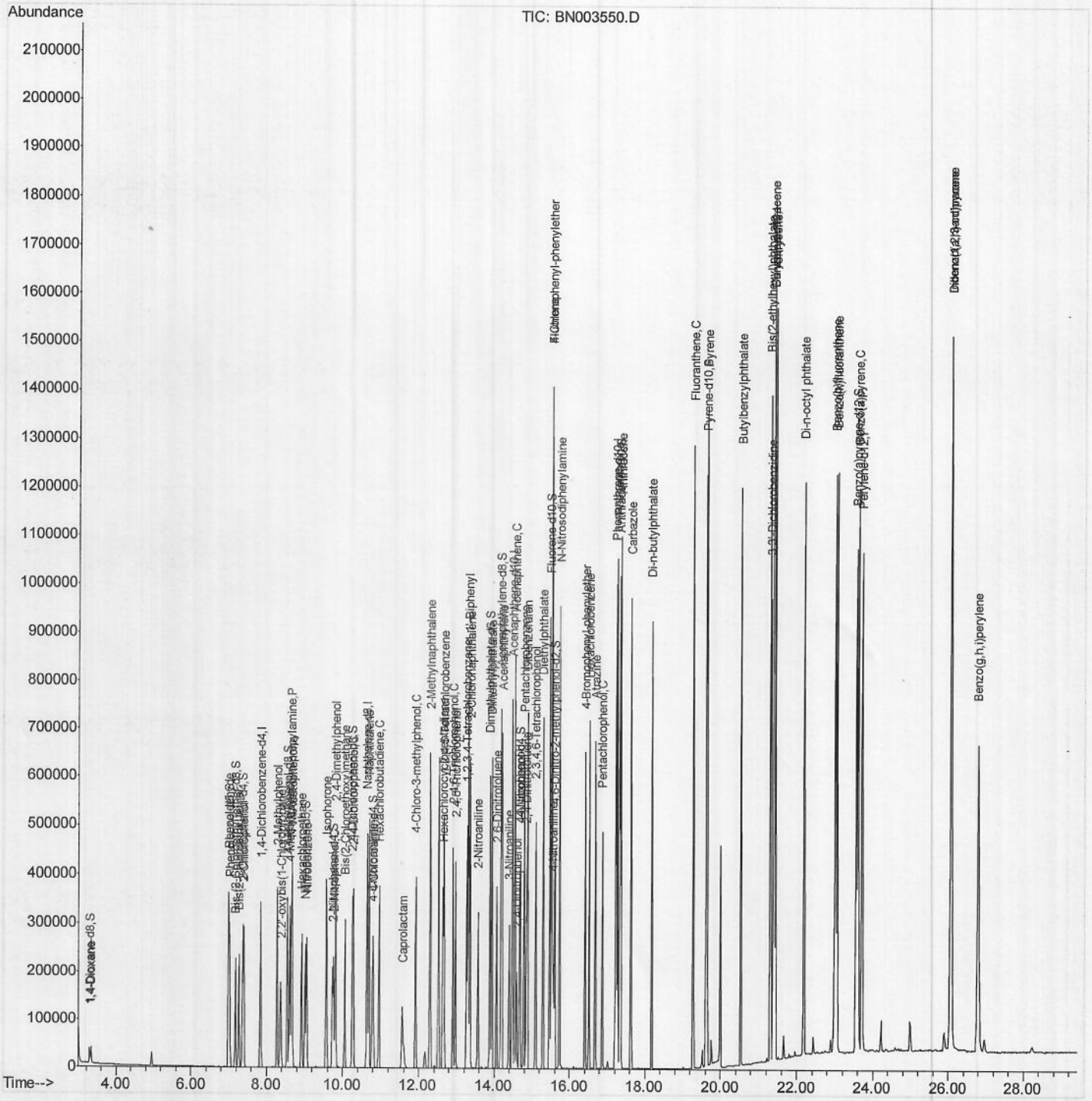
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
Data File : BN003550.D
Acq On : 15 Nov 2018 05:29
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 15 06:47:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 15 01:42:46 2018
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02053

Manual Integrations APPROVED
Sohil
11/15/2018 4:21:59 PM



Quantitation Report (Qedit)

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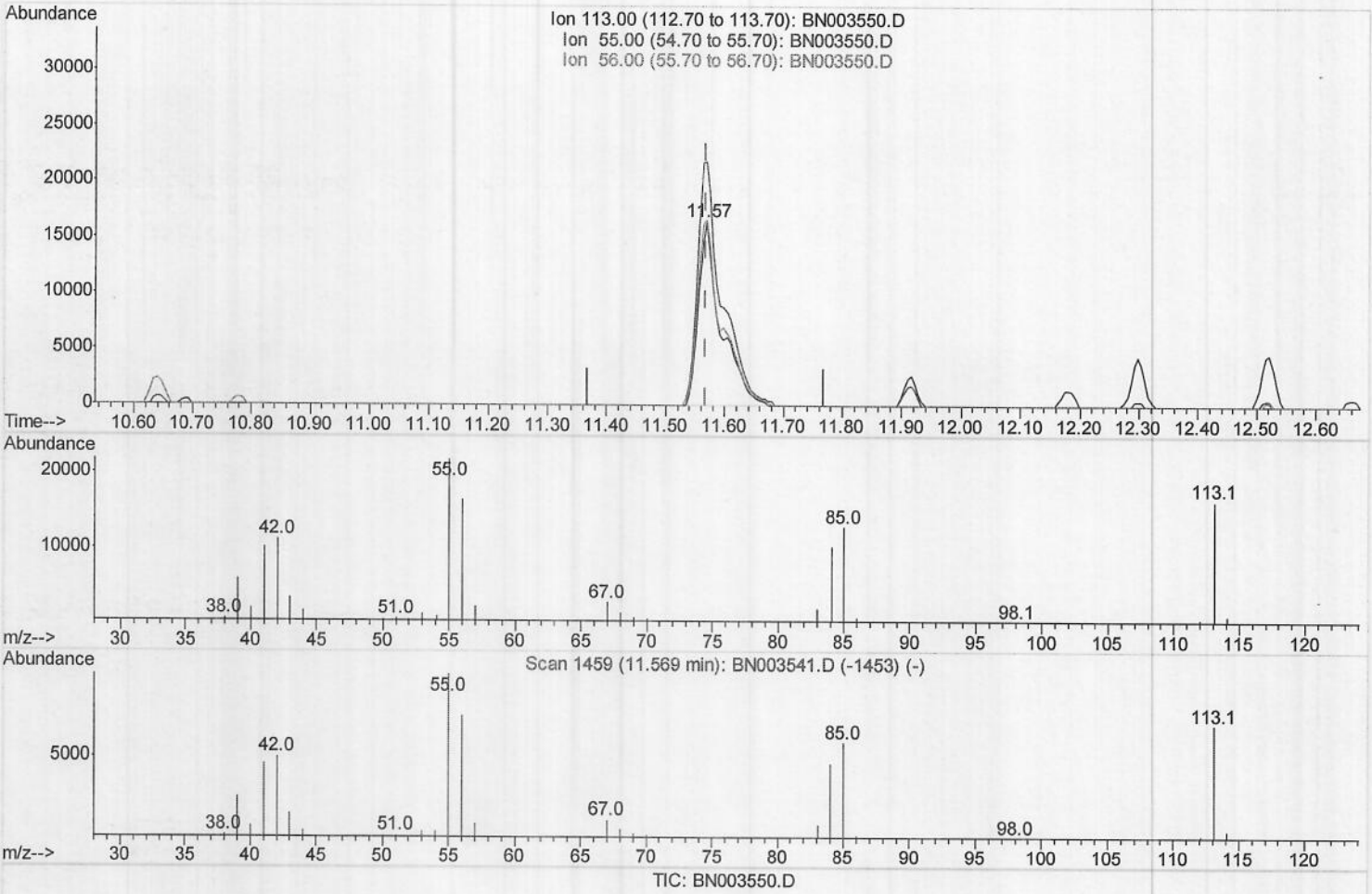

TIC: BN003550.D

(32) Caprolactam

11.569min (-0.000) 21.69ng/ul m) SJ 11/16/18

response 44036

Ion	Exp%	Act%
113.00	100	100
55.00	136.30	133.09
56.00	103.60	100.93
0.00	0.00	0.00

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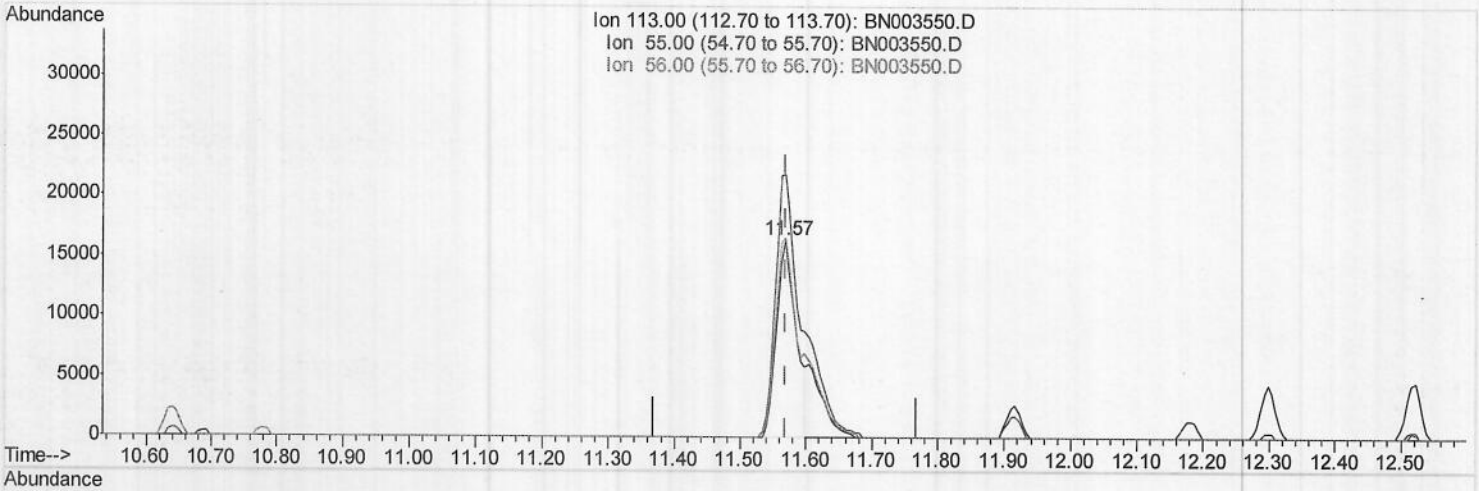

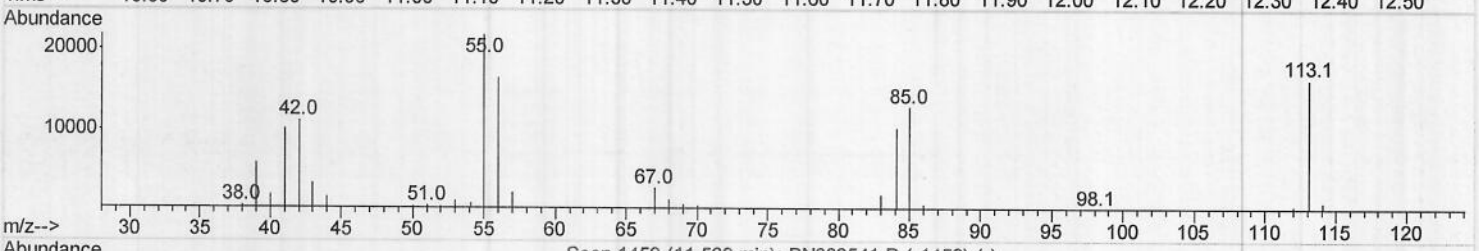

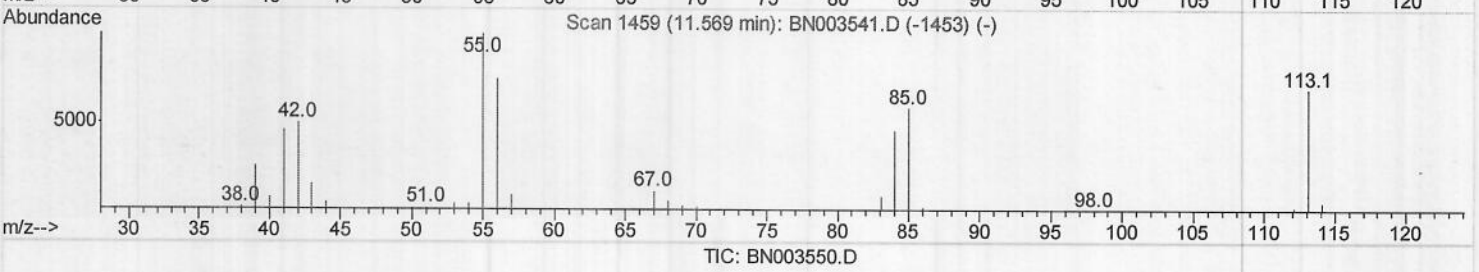

TIC: BN003550.D

(32) Caprolactam

11.569min (-0.000) 16.63ng/ul

response 33760

Ion	Exp%	Act%
113.00	100	100
55.00	136.30	133.09
56.00	103.60	100.93
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
11/15/2018 4:21:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	99662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	410499	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	247917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	580995	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	650906	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	765694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	16314	7.74	ng/uL	0.00
5) Phenol-d5	6.99	99	166148	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	95930	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	143183	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	137870	19.93	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	68945	21.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	77719	21.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	139614	20.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	124557	21.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	421294	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	522355	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	85790	20.82	ng/ul	0.00
57) Fluorene-d10	15.47	176	367394	21.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	77078	18.88	ng/ul	0.00
70) Anthracene-d10	17.32	188	571735	20.03	ng/ul	0.00
78) Pyrene-d10	19.61	212	616764	19.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	783610	18.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	17585	7.572	ng/uL	100
4) Benzaldehyde	6.99	77	29649	20.367	ng/ul	95
6) Phenol	7.02	94	170087	20.523	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	129294	20.235	ng/ul	98
10) 2-Chlorophenol	7.40	128	141470	19.989	ng/ul	99
11) 2-Methylphenol	8.28	108	130081	20.169	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	172551	20.436	ng/ul	99
14) Acetophenone	8.67	105	209823	20.299	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	99986	20.367	ng/ul	99
16) 4-Methylphenol	8.60	108	142016	19.946	ng/ul	97
17) Hexachloroethane	8.92	117	52552	19.603	ng/ul	99
20) Nitrobenzene	9.05	77	144493	21.493	ng/ul	100
21) Isophorone	9.56	82	287429	22.168	ng/ul	99
23) 2-Nitrophenol	9.76	139	83501	21.957	ng/ul	99
24) 2,4-Dimethylphenol	9.80	107	156493	21.712	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	178908	21.175	ng/ul	100
27) 2,4-Dichlorophenol	10.28	162	133270	20.115	ng/ul	100
28) Naphthalene	10.69	128	428468	19.992	ng/ul	100
30) 4-Chloroaniline	10.80	127	126246	21.471	ng/ul	100
31) Hexachlorobutadiene	10.96	225	83326	20.048	ng/ul	99
32) Caprolactam	11.57	113	44036m	21.692	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	136772	21.394	ng/ul	100
34) 2-Methylnaphthalene	12.30	142	309941	20.514	ng/ul	99

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Manual Integrations APPROVED
Sohil
11/15/2018 4:21:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	170034	20.540	ng/ul	100
37) Hexachlorocyclopentadiene	12.63	237	106515	19.170	ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	107826	20.525	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	118876	20.526	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	407134	20.432	ng/ul	100
41) 2-Chloronaphthalene	13.36	162	311148	19.761	ng/ul	99
42) 2-Nitroaniline	13.57	65	83829	22.258	ng/ul	97
44) Dimethylphthalate	13.93	163	412789	20.452	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	85932	21.254	ng/ul	99
47) Acenaphthylene	14.20	152	484413	20.130	ng/ul	100
48) 3-Nitroaniline	14.39	138	78897	19.808	ng/ul	100
49) Acenaphthene	14.55	153	350593	20.275	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	48914	18.426	ng/ul	99
52) 4-Nitrophenol	14.69	109	53781	20.978	ng/ul	98
53) Dibenzofuran	14.87	168	496510	20.388	ng/ul	99
54) 2,4-Dinitrotoluene	14.85	165	126871	20.721	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.10	232	108644	21.356	ng/ul	98
56) Diethylphthalate	15.29	149	404783	21.188	ng/ul	100
58) Fluorene	15.53	166	399548	21.353	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	207256	21.170	ng/ul	99
60) 4-Nitroaniline	15.56	138	95392	21.026	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	79820	19.018	ng/ul	99
64) N-Nitrosodiphenylamine	15.73	169	358841	20.274	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	134477	19.461	ng/ul	98
66) Hexachlorobenzene	16.52	284	160659	19.612	ng/ul	99
67) Atrazine	16.68	200	126256	19.717	ng/ul	99
68) Pentachlorophenol	16.86	266	92866	18.742	ng/ul	99
69) Phenanthrene	17.26	178	641857	19.806	ng/ul	99
71) Anthracene	17.36	178	668055	20.182	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.27	216	160671	18.338	ng/uL	99
73) Pentachlorobenzene	14.79	250	180443	18.848	ng/uL	99
74) Carbazole	17.63	167	605489	20.792	ng/ul	99
75) Di-n-butylphthalate	18.17	149	662181	19.013	ng/ul	100
76) Fluoranthene	19.27	202	743735	20.037	ng/ul	100
79) Pyrene	19.64	202	759930	19.202	ng/ul	100
80) Butylbenzylphthalate	20.53	149	340391	22.095	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.32	252	280712	20.157	ng/ul	98
82) Benzo(a)anthracene	21.38	228	801422	20.188	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	478702	21.725	ng/ul	100
84) Chrysene	21.43	228	748493	20.062	ng/ul	99
86) Di-n-octyl phthalate	22.19	149	791163	17.808	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	841196	17.810	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	809353	17.903	ng/ul	100
90) Benzo(a)pyrene	23.61	252	863566	19.699	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.07	276	1085349	20.720	ng/ul	100
92) Dibenzo(a,h)anthracene	26.07	278	916735	20.809	ng/ul	100
93) Benzo(g,h,i)perylene	26.80	276	795756	18.281	ng/ul	99

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