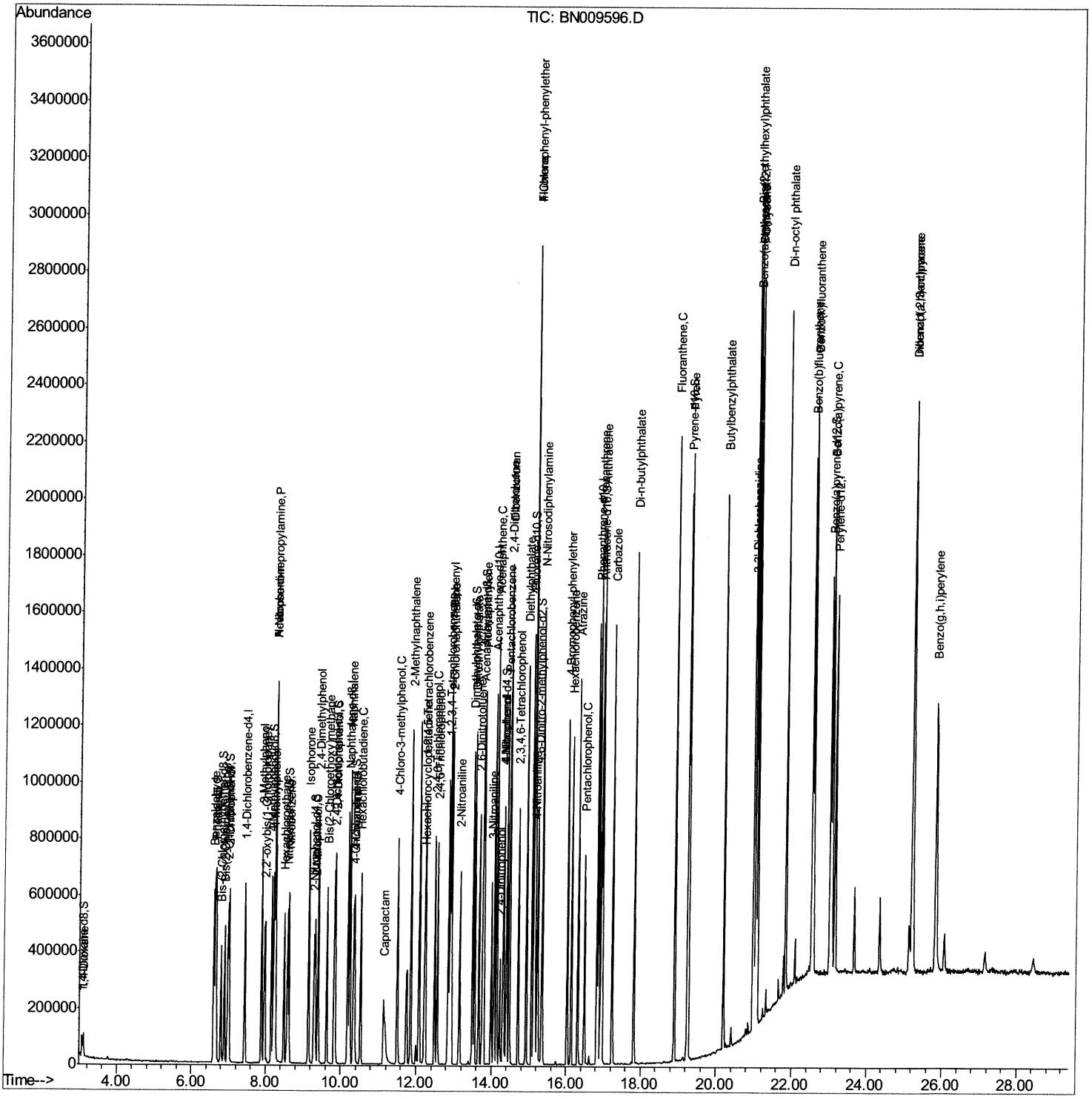
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009596.D
Acq On : 05 Feb 2020 11:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Feb 05 12:23:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02075

Manual Integrations APPROVED
mohammad
2/6/2020 8:12:27 AM



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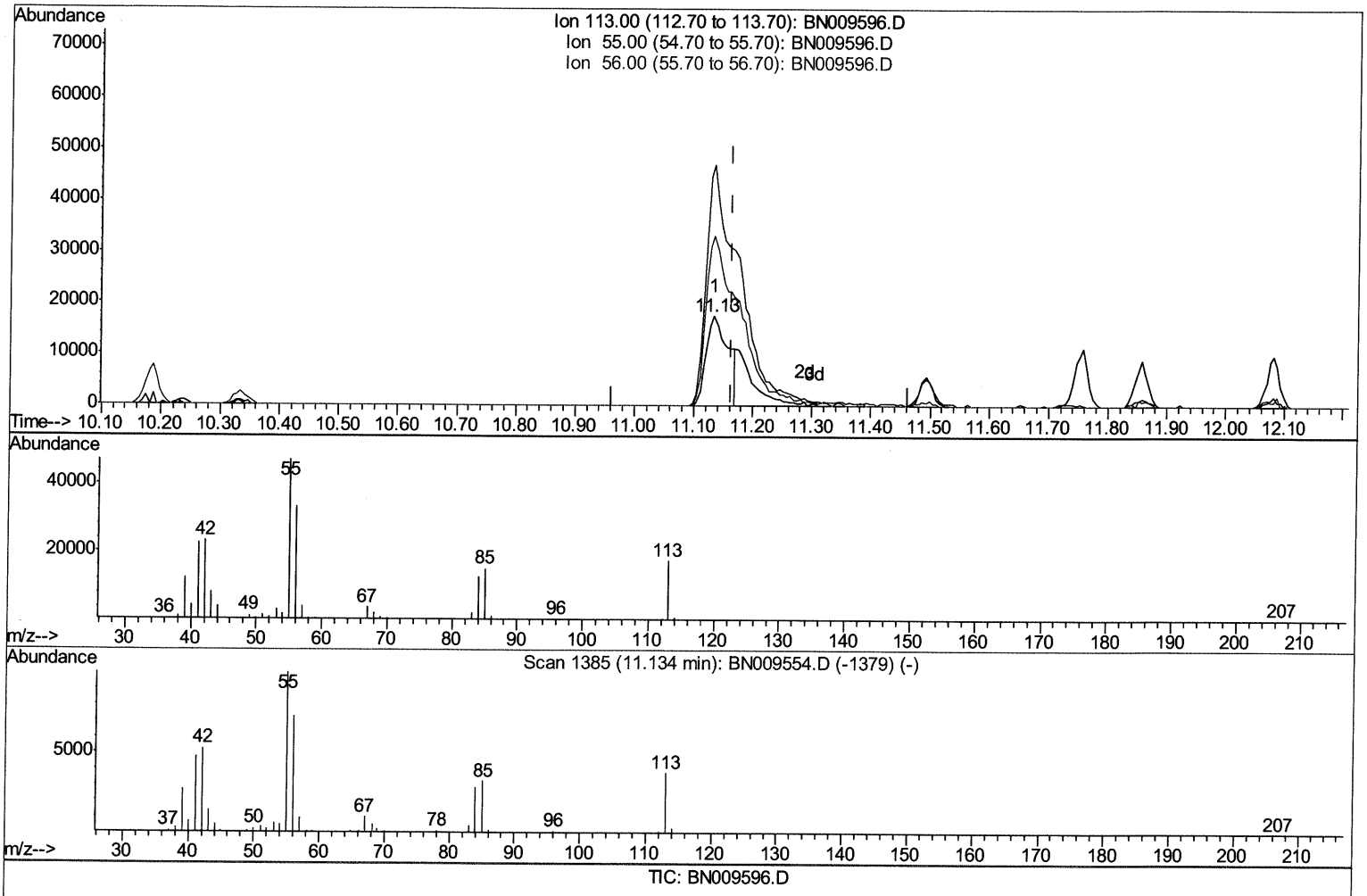

TIC: BN009596.D

(32) Caprolactam

11.134min (-0.029) 13.85ng/ul

response 46050

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	269.16
56.00	199.10	190.10
0.00	0.00	0.00

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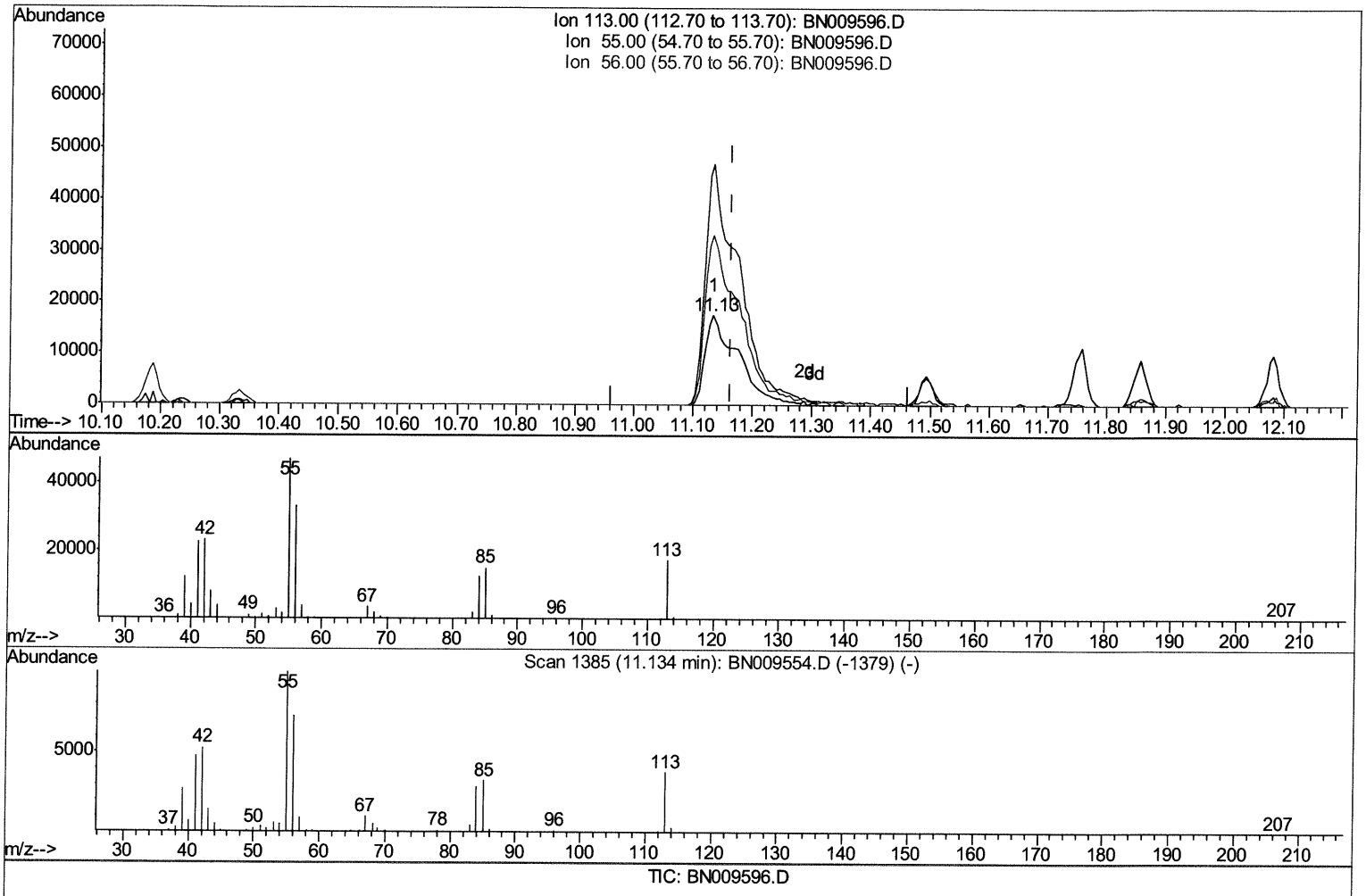

TIC: BN009596.D

(32) Caprolactam

11.134min (-0.029) 20.27ng/ul m JU 02/06/20

response 67396

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	269.16
56.00	199.10	190.10
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	146196	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	628711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	406553	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	847388	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	802708	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	827113	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	28766	8.07	ng/uL	0.00
5) Phenol-d5	6.63	99	264547	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	181423	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	204323	21.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	214157	21.09	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	101600	21.73	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	111239	21.32	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	210824	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	222929	21.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	622177	20.96	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	770010	21.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	111663	19.92	ng/ul	0.00
57) Fluorene-d10	15.07	176	549105	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	99520	18.80	ng/ul	0.00
70) Anthracene-d10	16.93	188	830432	21.57	ng/ul	0.00
78) Pyrene-d10	19.23	212	906253	21.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	863745	21.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	31108	7.653	ng/uL	91
4) Benzaldehyde	6.60	77	189950	21.713	ng/ul	98
6) Phenol	6.66	94	286829	21.050	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	221284	20.819	ng/ul	97
10) 2-Chlorophenol	7.01	128	213169	21.892	ng/ul	98
11) 2-Methylphenol	7.89	108	209908	20.847	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	7.96	45	542632	21.339	ng/ul	99
14) Acetophenone	8.25	105	339960	20.924	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.24	70	185644	21.576	ng/ul	97
16) 4-Methylphenol	8.21	108	230104	20.855	ng/ul	94
17) Hexachloroethane	8.49	117	91913	20.826	ng/ul	98
20) Nitrobenzene	8.62	77	285594	21.270	ng/ul	97
21) Isophorone	9.14	82	504249	20.872	ng/ul	100
23) 2-Nitrophenol	9.32	139	121146	21.316	ng/ul	95
24) 2,4-Dimethylphenol	9.39	107	258911	20.977	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.63	93	301489	20.532	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	210655	21.237	ng/ul	99
28) Naphthalene	10.23	128	713594	20.930	ng/ul	99
30) 4-Chloroaniline	10.36	127	224040	20.643	ng/ul	97
31) Hexachlorobutadiene	10.52	225	133224	21.033	ng/ul	98
32) Caprolactam	11.13	113	67396m >	20.269	ng/ul >	JU 02/06/20
33) 4-Chloro-3-methylphenol	11.49	107	246697	21.332	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	503330	21.095	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.24	216	249410	21.083 ng/ul	92
37) Hexachlorocyclopentadiene	12.22	237	107288	16.664 ng/ul	97
38) 2,4,6-Trichlorophenol	12.49	196	162349	21.078 ng/ul	100
39) 2,4,5-Trichlorophenol	12.56	196	180316	21.381 ng/ul	99
40) 1,1'-Biphenyl	12.90	154	655424	20.706 ng/ul	97
41) 2-Chloronaphthalene	12.93	162	530316	21.334 ng/ul	98
42) 2-Nitroaniline	13.15	65	194226	21.619 ng/ul	93
44) Dimethylphthalate	13.55	163	652243	20.709 ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	133225	21.664 ng/ul	98
47) Acenaphthylene	13.79	152	832304	21.209 ng/ul	98
48) 3-Nitroaniline	13.99	138	118517	21.224 ng/ul	97
49) Acenaphthene	14.14	153	562474	21.083 ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	66378	17.490 ng/ul	96
52) 4-Nitrophenol	14.32	109	106447	21.226 ng/ul	97
53) Dibenzofuran	14.47	168	783145	21.081 ng/ul	98
54) 2,4-Dinitrotoluene	14.46	165	196376	21.772 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.72	232	149302	20.848 ng/ul	98
56) Diethylphthalate	14.93	149	658739	20.905 ng/ul	98
58) Fluorene	15.13	166	652325	21.011 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.13	204	315681	20.933 ng/ul	95
60) 4-Nitroaniline	15.16	138	146351	20.586 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.23	198	113995	19.949 ng/ul	98
64) N-Nitrosodiphenylamine	15.35	169	541829	21.394 ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	182715	21.882 ng/ul	93
66) Hexachlorobenzene	16.14	284	194903	21.293 ng/ul	92
67) Atrazine	16.32	200	193550	20.837 ng/ul	95
68) Pentachlorophenol	16.49	266	113941	20.634 ng/ul	96
69) Phenanthrene	16.87	178	1046742	21.660 ng/ul	99
71) Anthracene	16.96	178	1070518	21.832 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	270177	21.803 ng/uL	98
73) Pentachlorobenzene	14.40	250	257047	21.492 ng/uL	97
74) Carbazole	17.24	167	909662	21.307 ng/ul	98
75) Di-n-butylphthalate	17.82	149	1104360	21.103 ng/ul	99
76) Fluoranthene	18.90	202	1189806	21.572 ng/ul	98
79) Pyrene	19.26	202	1240346	21.167 ng/ul	98
80) Butylbenzylphthalate	20.19	149	501988	21.382 ng/ul	96
81) 3,3'-Dichlorobenzidine	20.96	252	344593	20.061 ng/ul	99
82) Benzo(a)anthracene	21.03	228	1193634	21.537 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	751002	21.230 ng/ul	99
84) Chrysene	21.07	228	1134313	20.559 ng/ul	99
86) Di-n-octyl phthalate	21.84	149	1256431	20.592 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	1140247	22.034 ng/ul	99
88) Benzo(k)fluoranthene	22.57	252	1115061	21.880 ng/ul	99
90) Benzo(a)pyrene	23.06	252	1027594	21.433 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	1210307	21.232 ng/ul	98
92) Dibenzo(a,h)anthracene	25.22	278	1031109	21.489 ng/ul	99
93) Benzo(g,h,i)perylene	25.83	276	998161	20.893 ng/ul	95

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