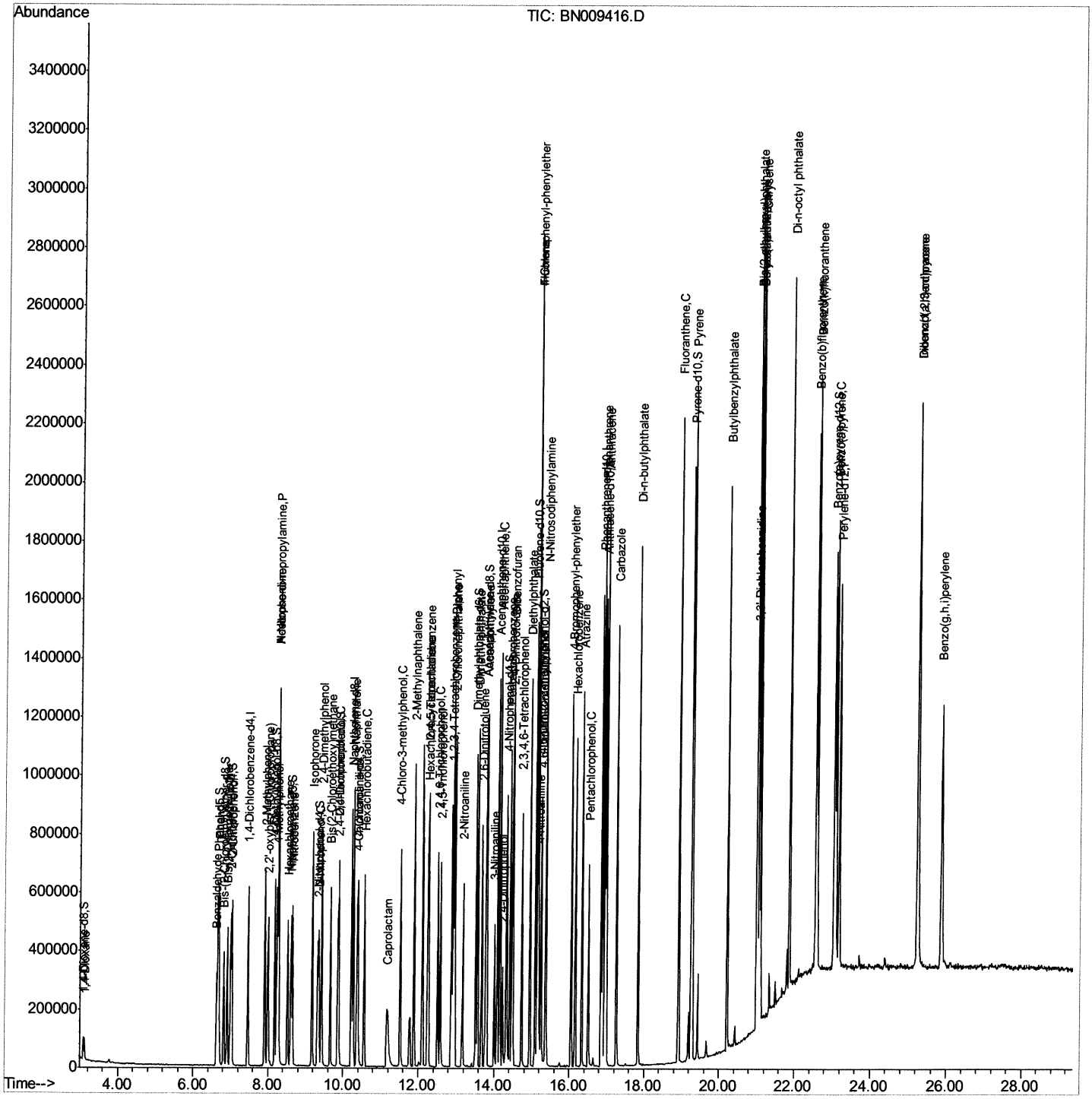
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009416.D
Acq On : 22 Jan 2020 10:55
Operator : CG/JU
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 22 15:02:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02054

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:46 PM



Quantitation Report (Qedit)

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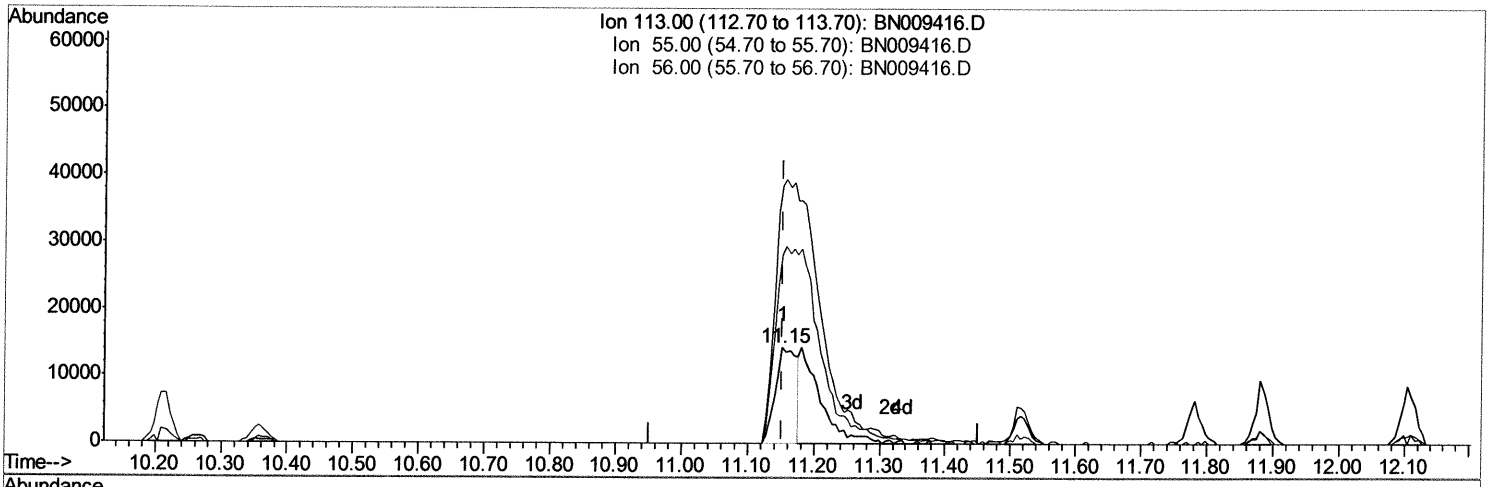

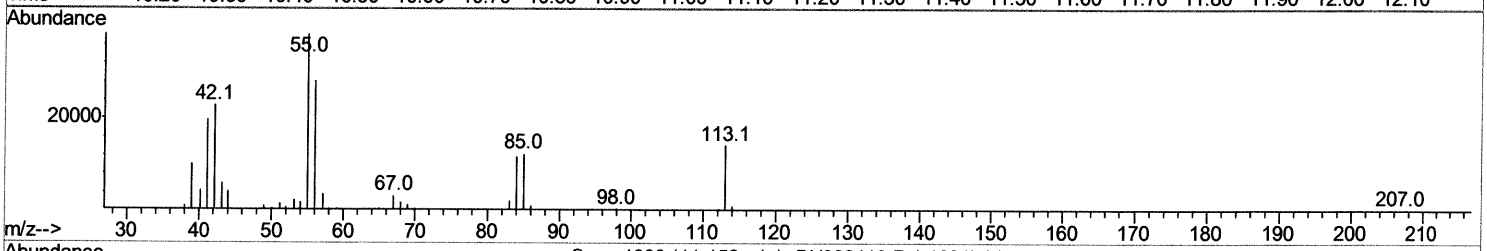

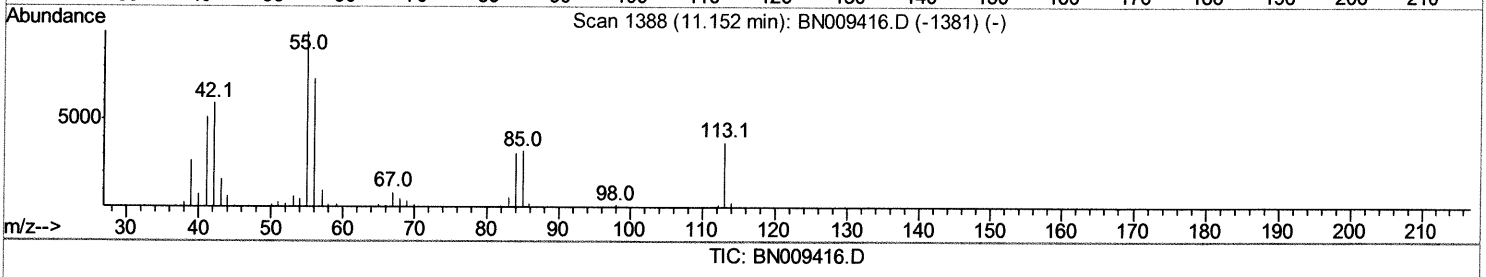

(32) Caprolactam

11.152min (0.000) 10.03ng/ul

response 31776

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	267.52
56.00	196.90	196.89
0.00	0.00	0.00

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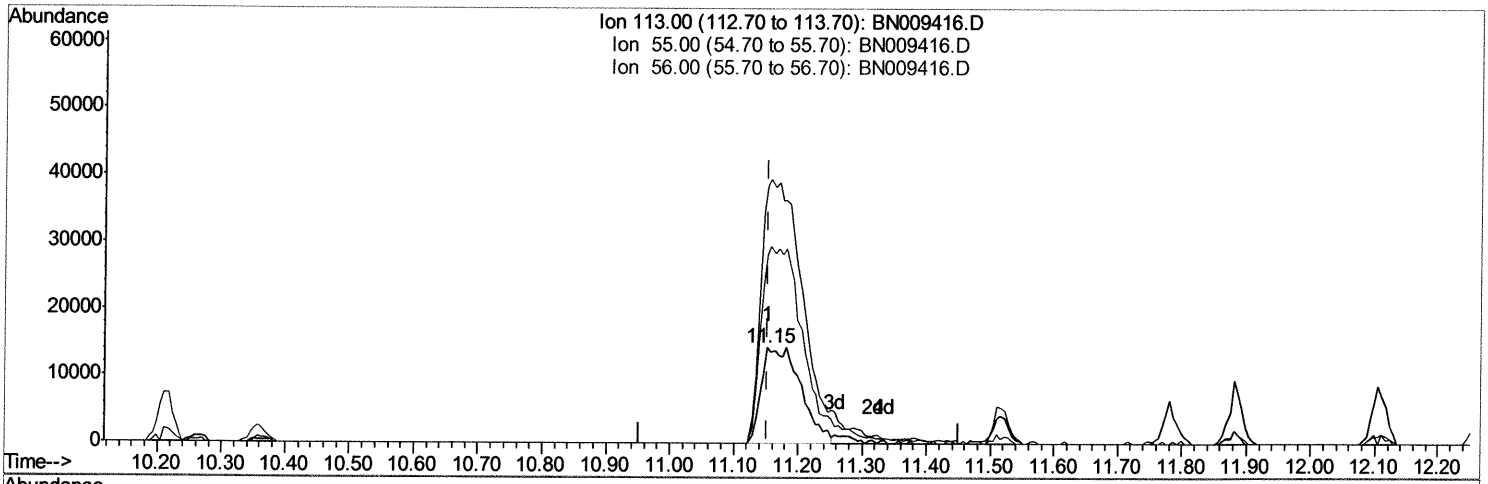

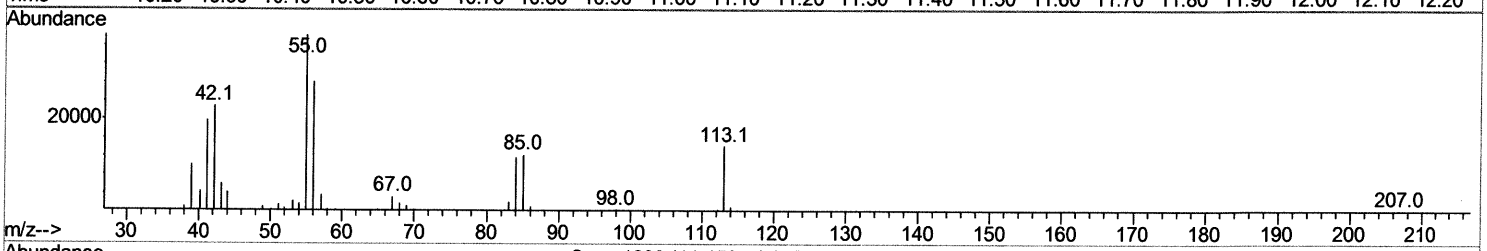

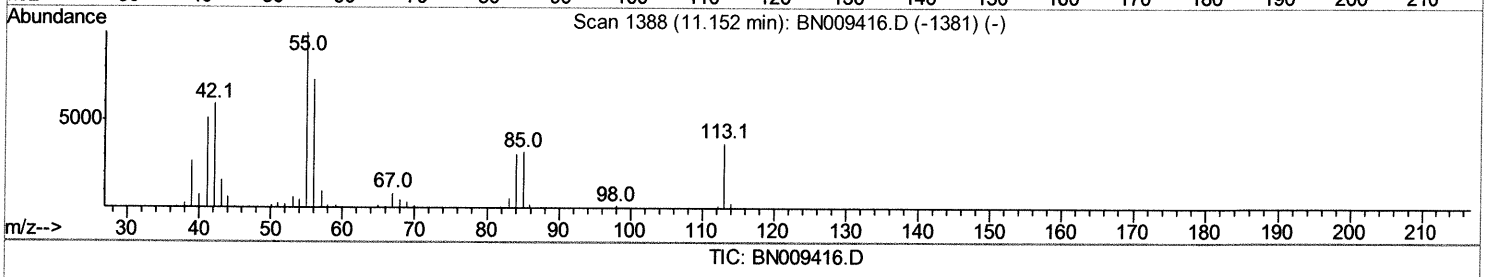

TIC: BN009416.D

(32) Caprolactam

11.152min (0.000) 19.18ng/ul m> SJ 1/24/20

response 60772

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	267.52
56.00	196.90	196.89
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	7.46	152	140251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	622146	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	398117	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	873857	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	798460	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	845962	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	27991	8.25	ng/uL	0.00
5) Phenol-d5	6.66	99	235449	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	173402	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	184417	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	193160	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	91082	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	98848	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	190746	20.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	228224	20.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	614574	20.86	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	717044	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	109410	19.95	ng/ul	0.00
57) Fluorene-d10	15.10	176	533542	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	99304	18.77	ng/ul	0.00
70) Anthracene-d10	16.95	188	832100	20.58	ng/ul	0.00
78) Pyrene-d10	19.25	212	929555	21.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	886005	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	30050	7.961	ng/uL	100
4) Benzaldehyde	6.62	77	101252	14.960	ng/ul	100
6) Phenol	6.68	94	250240	19.205	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.90	93	206733	19.783	ng/ul	100
10) 2-Chlorophenol	7.03	128	190315	20.145	ng/ul	100
11) 2-Methylphenol	7.91	108	185995	19.330	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	553635	20.164	ng/ul	100
14) Acetophenone	8.28	105	318955	19.943	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.26	70	176518	20.324	ng/ul	100
16) 4-Methylphenol	8.23	108	206311	19.579	ng/ul	100
17) Hexachloroethane	8.52	117	86888	19.854	ng/ul	100
20) Nitrobenzene	8.65	77	262461	19.720	ng/ul	100
21) Isophorone	9.17	82	472836	20.031	ng/ul	100
23) 2-Nitrophenol	9.35	139	107236	20.515	ng/ul	100
24) 2,4-Dimethylphenol	9.42	107	238160	19.855	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.65	93	286327	19.810	ng/ul	100
27) 2,4-Dichlorophenol	9.88	162	185845	20.166	ng/ul	100
28) Naphthalene	10.26	128	671214	20.048	ng/ul	100
30) 4-Chloroaniline	10.38	127	228928	19.990	ng/ul	100
31) Hexachlorobutadiene	10.56	225	126770	20.044	ng/ul	100
32) Caprolactam	11.15	113	60772m)	19.184	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	222634	19.909	ng/ul	100
34) 2-Methylnaphthalene	11.88	142	460957	19.999	ng/ul	100

SJ 1/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	234509	20.379	ng/ul	100
37) Hexachlorocyclopentadiene	12.25	237	127737	18.221	ng/ul	100
38) 2,4,6-Trichlorophenol	12.52	196	144840	20.363	ng/ul	100
39) 2,4,5-Trichlorophenol	12.59	196	159845	20.426	ng/ul	100
40) 1,1'-Biphenyl	12.92	154	613026	20.335	ng/ul	100
41) 2-Chloronaphthalene	12.96	162	476910	20.036	ng/ul	100
42) 2-Nitroaniline	13.18	65	177731	20.448	ng/ul	100
44) Dimethylphthalate	13.57	163	638257	21.041	ng/ul	100
45) 2,6-Dinitrotoluene	13.68	165	120071	20.804	ng/ul	100
47) Acenaphthylene	13.81	152	772818	20.477	ng/ul	100
48) 3-Nitroaniline	14.01	138	94245	17.491	ng/ul	100
49) Acenaphthene	14.16	153	519855	20.190	ng/ul	100
50) 2,4-Dinitrophenol	14.23	184	57056	17.028	ng/ul	100
52) 4-Nitrophenol	14.33	109	105792	20.843	ng/ul	100
53) Dibenzofuran	14.50	168	730157	20.410	ng/ul	100
54) 2,4-Dinitrotoluene	14.48	165	187382	21.767	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.73	232	141835	21.211	ng/ul	100
56) Diethylphthalate	14.95	149	658082	21.213	ng/ul	100
58) Fluorene	15.15	166	621229	20.724	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.16	204	299713	20.283	ng/ul	100
60) 4-Nitroaniline	15.18	138	103821	16.975	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.25	198	108143	19.200	ng/ul	100
64) N-Nitrosodiphenylamine	15.37	169	527711	20.395	ng/ul	100
65) 4-Bromophenyl-phenylether	16.05	248	179096	20.335	ng/ul	100
66) Hexachlorobenzene	16.16	284	196212	20.083	ng/ul	100
67) Atrazine	16.34	200	179290	18.939	ng/ul	100
68) Pentachlorophenol	16.51	266	106944	18.831	ng/ul	100
69) Phenanthrene	16.89	178	995478	20.189	ng/ul	100
71) Anthracene	16.98	178	1024607	20.409	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.88	216	233857	19.540	ng/uL	100
73) Pentachlorobenzene	14.42	250	228554	19.645	ng/uL	100
74) Carbazole	17.26	167	878585	20.442	ng/ul	100
75) Di-n-butylphthalate	17.84	149	1106534	21.074	ng/ul	100
76) Fluoranthene	18.92	202	1167867	20.662	ng/ul	100
79) Pyrene	19.28	202	1230148	21.278	ng/ul	100
80) Butylbenzylphthalate	20.22	149	480680	21.543	ng/ul	100
81) 3,3'-Dichlorobenzidine	20.99	252	308606	18.337	ng/ul	100
82) Benzo(a)anthracene	21.04	228	1146448	21.085	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.00	149	729822	21.564	ng/ul	100
84) Chrysene	21.09	228	1134610	21.421	ng/ul	100
86) Di-n-octyl phthalate	21.86	149	1194387	19.738	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	1139207	21.298	ng/ul	100
88) Benzo(k)fluoranthene	22.59	252	1099475	20.905	ng/ul	100
90) Benzo(a)pyrene	23.08	252	985997	20.536	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.24	276	1194810	20.534	ng/ul	100
92) Dibenzo(a,h)anthracene	25.25	278	1018457	20.747	ng/ul	100
93) Benzo(g,h,i)perylene	25.87	276	994049	20.539	ng/ul	100

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