Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009169.D
Acq On : 25 Dec 2019 17:50
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 25 18:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 01:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02060

Manual Integrations APPROVED
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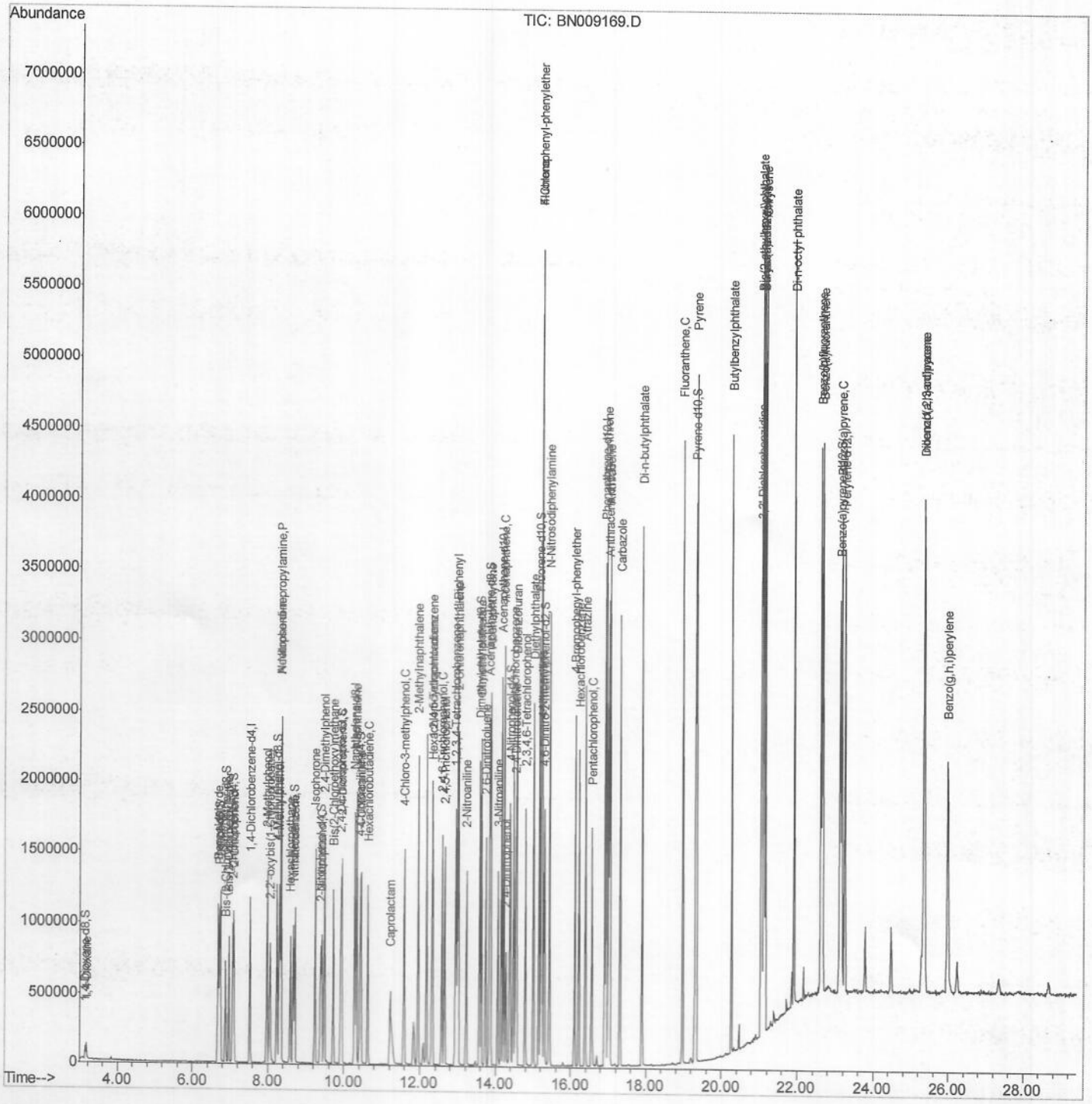
12/26/2019 4:05:37 PM



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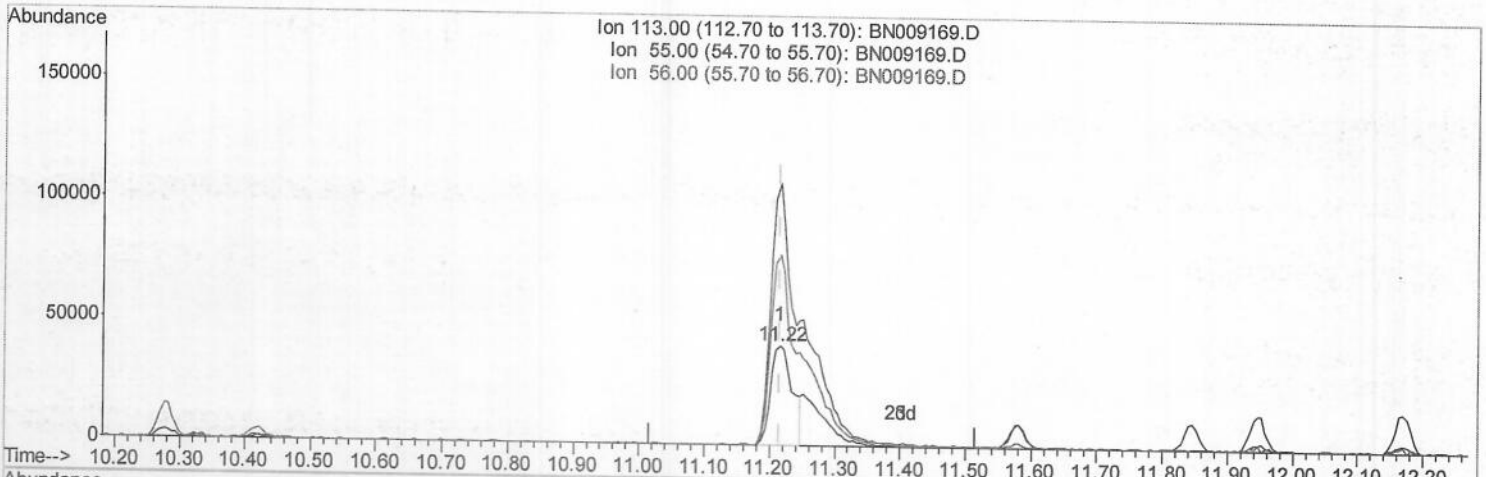

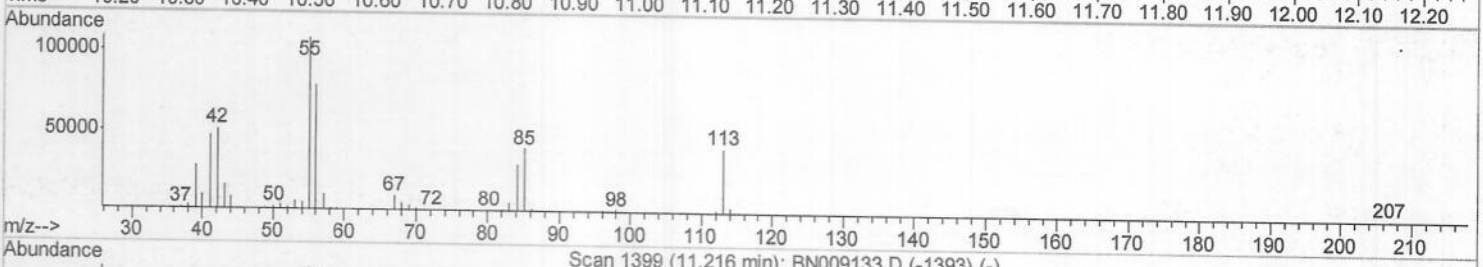

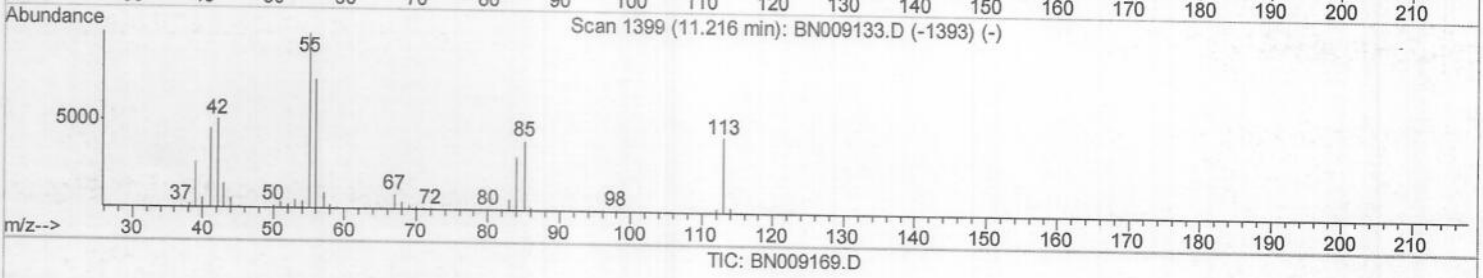

TIC: BN009169.D

(32) Caprolactam

11.216min (-0.000) 11.65ng/ul

response 94548

Ion	Exp%	Act%
113.00	100	100
55.00	235.10	263.88
56.00	179.20	191.38
0.00	0.00	0.00

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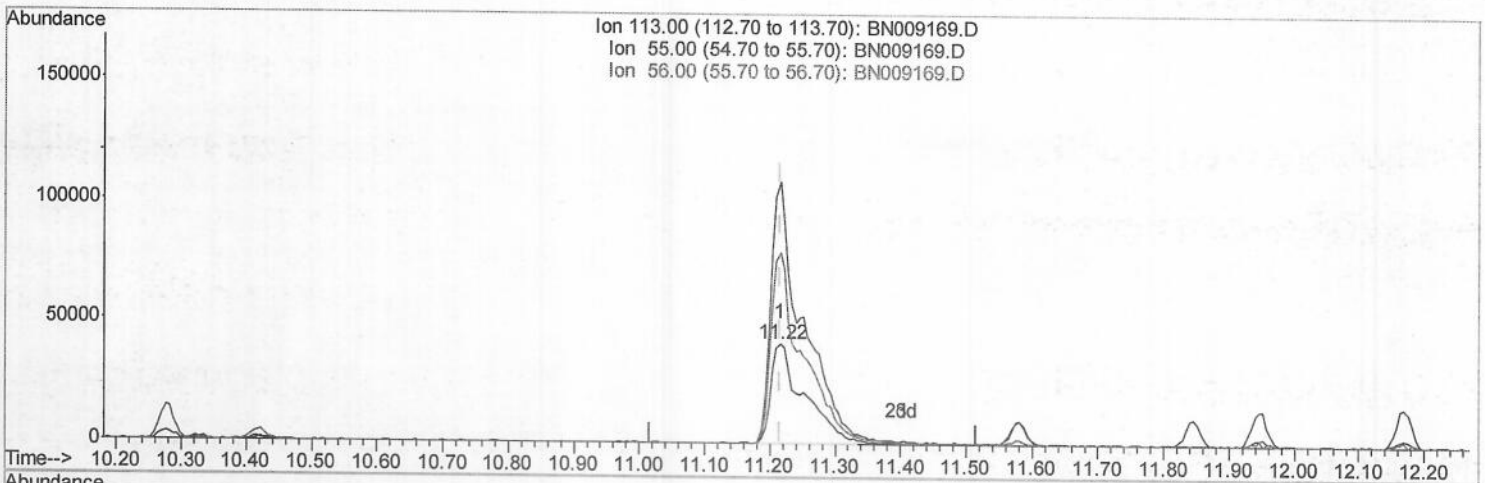

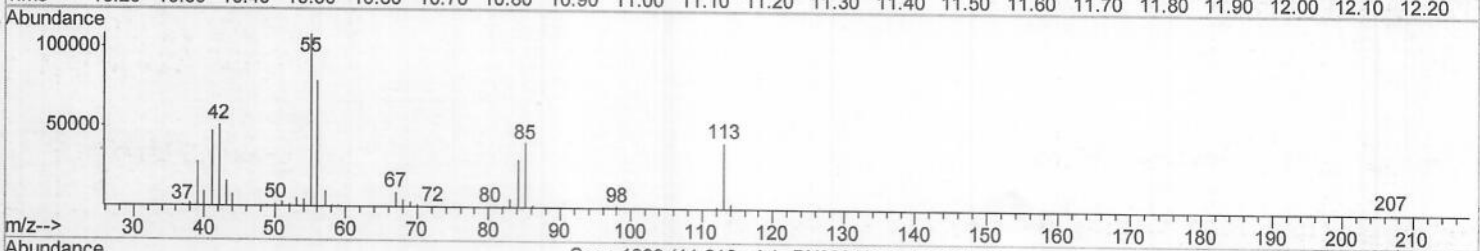

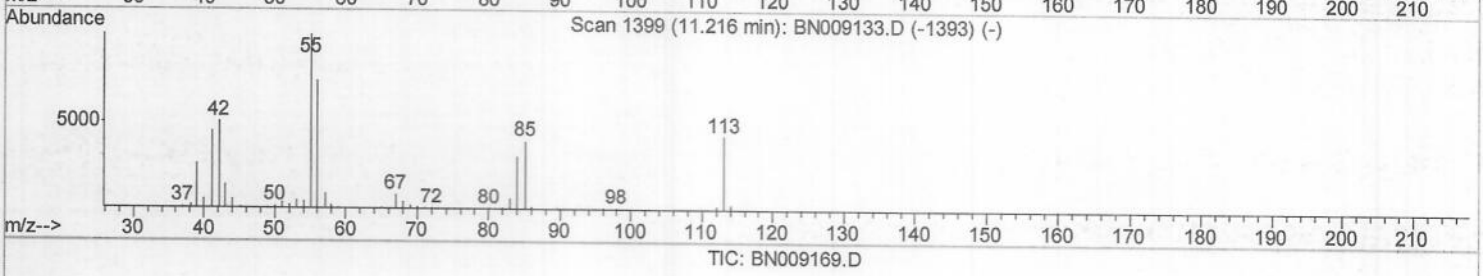

TIC: BN009169.D

(32) Caprolactam

11.216min (-0.000) 18.00ng/ul m JU 12/26/19

response 146134

Ion	Exp%	Act%
113.00	100	100
55.00	235.10	263.88
56.00	179.20	191.38
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	284376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1329832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	913107	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1967217	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1900429	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1944540	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	46351	7.45	ng/uL	0.00
5) Phenol-d5	6.72	99	508952	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	333049	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	379118	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	419782	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	197453	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	220862	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	417922	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	527374	20.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1292299	18.84	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	1580425	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	249821	18.32	ng/ul	0.00
57) Fluorene-d10	15.15	176	1128698	18.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	217967	17.76	ng/ul	0.00
70) Anthracene-d10	17.00	188	1786564	19.52	ng/ul	0.00
78) Pyrene-d10	19.30	212	1975420	19.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1882660	19.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	48560	7.189	ng/uL	96
4) Benzaldehyde	6.68	77	359591	21.215	ng/ul	98
6) Phenol	6.74	94	530324	18.967	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	417236	19.408	ng/ul	97
10) 2-Chlorophenol	7.09	128	382445	19.363	ng/ul	95
11) 2-Methylphenol	7.97	108	403484	19.207	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.05	45	885976	19.434	ng/ul	98
14) Acetophenone	8.33	105	655429	19.598	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	363046	19.580	ng/ul	99
16) 4-Methylphenol	8.29	108	445989	19.318	ng/ul	92
17) Hexachloroethane	8.58	117	160628	19.230	ng/ul	98
20) Nitrobenzene	8.70	77	520386	19.129	ng/ul	98
21) Isophorone	9.23	82	1001858	19.132	ng/ul	99
23) 2-Nitrophenol	9.40	139	236298	19.745	ng/ul	98
24) 2,4-Dimethylphenol	9.48	107	504354	19.650	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.71	93	612811	19.128	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	409047	19.733	ng/ul	98
28) Naphthalene	10.33	128	1368854	19.287	ng/ul	100
30) 4-Chloroaniline	10.44	127	527339	20.646	ng/ul	100
31) Hexachlorobutadiene	10.62	225	253821	19.457	ng/ul	96
32) Caprolactam	11.22	113	146134m	18.000	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	504771	19.724	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	986363	19.277	ng/ul	93

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Manual Integrations APPROVED
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12/26/2019 4:05:37 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	504169	19.569 ng/ul	95
37) Hexachlorocyclopentadiene	12.31	237	252040	15.920 ng/ul	100
38) 2,4,6-Trichlorophenol	12.57	196	339817	19.724 ng/ul	95
39) 2,4,5-Trichlorophenol	12.65	196	367448	19.947 ng/ul	96
40) 1,1'-Biphenyl	12.98	154	1326926	19.616 ng/ul	100
41) 2-Chloronaphthalene	13.02	162	1037482	19.649 ng/ul	99
42) 2-Nitroaniline	13.23	65	390243	19.975 ng/ul	97
44) Dimethylphthalate	13.62	163	1308956	18.663 ng/ul	99
45) 2,6-Dinitrotoluene	13.73	165	280165	19.865 ng/ul	98
47) Acenaphthylene	13.87	152	1699034	19.686 ng/ul	100
48) 3-Nitroaniline	14.06	138	271712	19.678 ng/ul	98
49) Acenaphthene	14.22	153	1132341	19.555 ng/ul	97
50) 2,4-Dinitrophenol	14.28	184	141603	16.075 ng/ul	95
52) 4-Nitrophenol	14.39	109	202267	18.593 ng/ul	99
53) Dibenzofuran	14.56	168	1544681	19.001 ng/ul	100
54) 2,4-Dinitrotoluene	14.53	165	403934	19.579 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.79	232	326989	19.472 ng/ul	92
56) Diethylphthalate	15.00	149	1354797	17.883 ng/ul	99
58) Fluorene	15.21	166	1314517	19.351 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.21	204	642521	18.871 ng/ul	97
60) 4-Nitroaniline	15.23	138	320415	19.531 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.30	198	233749	18.073 ng/ul	96
64) N-Nitrosodiphenylamine	15.43	169	1109861	19.609 ng/ul	97
65) 4-Bromophenyl-phenylether	16.10	248	388547	19.600 ng/ul	99
66) Hexachlorobenzene	16.22	284	434356	19.661 ng/ul	97
67) Atrazine	16.39	200	411296	19.089 ng/ul	99
68) Pentachlorophenol	16.56	266	261314	18.883 ng/ul	91
69) Phenanthrene	16.95	178	2109553	19.450 ng/ul	100
71) Anthracene	17.03	178	2211805	19.820 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.94	216	509864	19.819 ng/uL	99
73) Pentachlorobenzene	14.48	250	513521	20.195 ng/uL	97
74) Carbazole	17.31	167	1895974	19.662 ng/ul	99
75) Di-n-butylphthalate	17.89	149	2418216	19.050 ng/ul	99
76) Fluoranthene	18.97	202	2500644	19.962 ng/ul	99
79) Pyrene	19.33	202	2615225	19.842 ng/ul	99
80) Butylbenzylphthalate	20.26	149	1137022	19.614 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.03	252	828661	18.944 ng/ul	95
82) Benzo(a)anthracene	21.09	228	2481714	19.326 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.06	149	1714050	19.290 ng/ul	98
84) Chrysene	21.15	228	2450247	19.855 ng/ul	98
86) Di-n-octyl phthalate	21.91	149	2951426	22.589 ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	2343756	19.721 ng/ul	98
88) Benzo(k)fluoranthene	22.66	252	2417389	20.828 ng/ul	99
90) Benzo(a)pyrene	23.16	252	2138686	19.598 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.34	276	2132605	16.131 ng/ul	98
92) Dibenzo(a,h)anthracene	25.36	278	1854755	16.622 ng/ul	99
93) Benzo(g,h,i)perylene	25.98	276	1754530	15.860 ng/ul	100

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