Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
Data File : BF120622.D
Acq On : 15 Jun 2020 15:55
Operator : JU/CG
Sample : L2182-07
Misc : MDL-MDL-WTR-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2020

Quant Time: Jun 15 16:39:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169288	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	612566	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	320443	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	616741	20.00	ng		0.00
76) Chrysene-d12	13.95	240	496582	20.00	ng		-0.01
86) Perylene-d12	15.39	264	556571	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1384466	140.21	ng		0.00
7) Phenol-d6	6.43	99	1759802	143.09	ng		0.00
23) Nitrobenzene-d5	7.36	82	1117145	101.94	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	547707	147.01	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1967267	93.93	ng		0.00
79) Terphenyl-d14	12.90	244	2238064	99.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	36363	7.770	ng		96
3) Pyridine	3.28	79	74338	5.651	ng		99
4) n-Nitrosodimethylamine	3.15	42	38521	7.055	ng		99
6) Aniline	6.46	93	130679	8.303	ng		98
8) 2-Chlorophenol	6.58	128	86689	7.769	ng		93
9) Benzaldehyde	6.35	77	72993	9.384	ng		98
10) Phenol	6.45	94	111544	8.501	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	85852	7.855	ng		98
12) 1,3-Dichlorobenzene	6.74	146	97586	8.227	ng		98
13) 1,4-Dichlorobenzene	6.82	146	96847	8.275	ng		99
14) 1,2-Dichlorobenzene	6.97	146	90170	7.909	ng		99
15) Benzyl Alcohol	6.93	79	80156	9.191	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	123979	7.878	ng		98
17) 2-Methylphenol	7.05	107	67305	7.072	ng		99
18) Hexachloroethane	7.31	117	35366	8.201	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	60138	8.430	ng		99
20) 3+4-Methylphenols	7.20	107	90163	7.582	ng	#	73
22) Acetophenone	7.20	105	126237	9.218	ng		95
24) Nitrobenzene	7.38	77	93251	8.131	ng		98
25) Isophorone	7.61	82	163067	7.639	ng		95
26) 2-Nitrophenol	7.69	139	43318	7.140	ng		97
27) 2,4-Dimethylphenol	7.73	122	60692	6.794	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	106461	8.603	ng		98
29) 2,4-Dichlorophenol	7.93	162	70777	7.794	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	82307	8.179	ng		99
31) Naphthalene	8.10	128	266101	8.847	ng		100
32) Benzoic acid	7.80	122	25046	3.654	ng		98
33) 4-Chloroaniline	8.15	127	108241	7.840	ng		97
34) Hexachlorobutadiene	8.22	225	47933	8.172	ng		100
35) Caprolactam	8.48	113	23275	8.014	ng		92
36) 4-Chloro-3-methylphenol	8.62	107	71935	7.929	ng		95
37) 2-Methylnaphthalene	8.79	142	178040	9.067	ng		98
38) 1-Methylnaphthalene	8.89	142	167874	9.086	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	87183	9.112	ng		98

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ClientSampleId : LOD-MDL-WATER-01-QT2-2020

Quant Time: Jun 15 16:39:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	29914	5.579	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	50397	7.425	ng		97
44) 2,4,5-Trichlorophenol	9.11	196	52509	6.819	ng		99
46) 1,1'-Biphenyl	9.25	154	228200	9.537	ng		97
47) 2-Chloronaphthalene	9.28	162	164694	8.417	ng		98
48) 2-Nitroaniline	9.37	65	44584	7.255	ng		95
49) Acenaphthylene	9.69	152	263787	8.735	ng		97
50) Dimethylphthalate	9.55	163	188691	8.176	ng		99
51) 2,6-Dinitrotoluene	9.61	165	39137	7.483	ng		99
52) Acenaphthene	9.86	154	161999	8.995	ng		100
53) 3-Nitroaniline	9.77	138	43680	6.953	ng		97
54) 2,4-Dinitrophenol	9.89	184	10724	3.825	ng		93
55) Dibenzofuran	10.03	168	244893	8.868	ng		100
56) 4-Nitrophenol	9.94	139	29012	6.132	ng		98
57) 2,4-Dinitrotoluene	10.01	165	50623	7.294	ng	#	84
58) Fluorene	10.37	166	184463	8.665	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	42687	7.046	ng		95
60) Diethylphthalate	10.25	149	187049	8.229	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	94001	8.551	ng		96
62) 4-Nitroaniline	10.39	138	43644	6.998	ng		97
63) Azobenzene	10.53	77	178607	8.657	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	19920	5.383	ng		97
66) n-Nitrosodiphenylamine	10.49	169	162690	8.590	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	56659	8.095	ng		93
68) Hexachlorobenzene	10.92	284	62974	8.368	ng		94
69) Atrazine	11.01	200	51972	8.868	ng		99
70) Pentachlorophenol	11.12	266	21857	5.224	ng		96
71) Phenanthrene	11.34	178	273436	8.919	ng		98
72) Anthracene	11.39	178	276230	8.939	ng		98
73) Carbazole	11.54	167	251659	8.227	ng		99
74) Di-n-butylphthalate	11.87	149	299109	8.697	ng		99
75) Fluoranthene	12.52	202	299270	8.538	ng		99
77) Benzidine	12.64	184	150724	8.975	ng	#	95
78) Pyrene	12.75	202	306542	8.714	ng		98
80) Butylbenzylphthalate	13.37	149	119853	7.673	ng		96
81) Benzo(a)anthracene	13.94	228	277643	9.306	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	109312	9.592	ng		100
83) Chrysene	13.97	228	273790	8.947	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	174555	9.156	ng		100
85) Di-n-octyl phthalate	14.54	149	293981	8.080	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	296644	8.762	ng		99
88) Benzo(b)fluoranthene	14.97	252	252613	7.619	ng		99
89) Benzo(k)fluoranthene	15.00	252	272168	9.277	ng		99
90) Benzo(a)pyrene	15.32	252	236520	7.971	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	249993	9.208	ng		98
92) Benzo(g,h,i)perylene	17.22	276	249279	9.109	ng		98

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

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