Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115850.D
Acq On : 30 Jul 2019 19:02
Operator : HP/JU
Sample : K3591-07
Misc : LOD-WATER-8PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 31 04:40:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133181	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	533773	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	282397	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	491201	20.00	ng		0.00
76) Chrysene-d12	14.02	240	385834	20.00	ng		0.00
87) Perylene-d12	15.49	264	369191	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	802181	100.83	ng		0.00
7) Phenol-d6	6.48	99	1008249	100.45	ng		0.00
23) Nitrobenzene-d5	7.41	82	747034	80.79	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	276540	101.00	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1266242	83.99	ng		0.00
79) Terphenyl-d14	12.96	244	1363404	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	34308	8.536	ng		99
3) Pyridine	3.41	79	70761	6.303	ng		99
4) n-Nitrosodimethylamine	3.30	42	33265	7.508	ng	#	99
6) Aniline	6.52	93	117477	8.173	ng		97
8) 2-Chlorophenol	6.64	128	73465	8.351	ng		97
9) Benzaldehyde	6.40	77	64362	9.293	ng		99
10) Phenol	6.49	94	100659	8.516	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	71152	8.188	ng		97
12) 1,3-Dichlorobenzene	6.79	146	83459	8.209	ng		97
13) 1,4-Dichlorobenzene	6.87	146	83502	8.203	ng		98
14) 1,2-Dichlorobenzene	7.02	146	77882	8.309	ng		99
15) Benzyl Alcohol	6.99	79	69521	9.127	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	93721	7.907	ng		97
17) 2-Methylphenol	7.10	107	61353	8.236	ng		99
18) Hexachloroethane	7.36	117	28720	7.663	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	52153	8.385	ng		96
20) 3+4-Methylphenols	7.26	107	80666	9.151	ng	#	52
22) Acetophenone	7.26	105	107614	9.193	ng		99
24) Nitrobenzene	7.43	77	85916	8.605	ng		98
25) Isophorone	7.66	82	144512	8.173	ng		97
26) 2-Nitrophenol	7.75	139	35667	7.578	ng		94
27) 2,4-Dimethylphenol	7.78	122	62109	8.771	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	87773	8.009	ng		98
29) 2,4-Dichlorophenol	7.99	162	60215	8.054	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	67858	7.962	ng		99
31) Naphthalene	8.15	128	223762	8.908	ng		98
32) Benzoic acid	7.87	122	19842	3.974	ng		87
33) 4-Chloroaniline	8.20	127	90890	8.099	ng		97
34) Hexachlorobutadiene	8.27	225	37641	7.668	ng		99
35) Caprolactam	8.54	113	18394	7.607	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	63284	8.136	ng		99
37) 2-Methylnaphthalene	8.85	142	146657	8.865	ng		98
38) 1-Methylnaphthalene	8.95	142	138115	8.825	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	64310	8.518	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	12344	4.183	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	38051	7.322	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	42377	7.889	ng		98
46) 1,1'-Biphenyl	9.31	154	181076	9.082	ng		99
47) 2-Chloronaphthalene	9.34	162	137006	8.257	ng		99
48) 2-Nitroaniline	9.43	65	40772	7.434	ng	#	83
49) Acenaphthylene	9.75	152	216464	8.942	ng		98
50) Dimethylphthalate	9.60	163	149984	7.800	ng		99
51) 2,6-Dinitrotoluene	9.67	165	32813	7.853	ng		90
52) Acenaphthene	9.92	154	131085	8.826	ng		98
53) 3-Nitroaniline	9.84	138	37608	7.284	ng		94
54) 2,4-Dinitrophenol	9.96	184	5479	3.088	ng	#	79
55) Dibenzofuran	10.10	168	195435	9.049	ng		99
56) 4-Nitrophenol	10.01	139	19737	5.967	ng		91
57) 2,4-Dinitrotoluene	10.07	165	42182	7.582	ng		88
58) Fluorene	10.44	166	152059	9.151	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	32995	7.301	ng		94
60) Diethylphthalate	10.31	149	144140	8.029	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	71136	8.453	ng		99
62) 4-Nitroaniline	10.45	138	38537	7.222	ng		99
63) Azobenzene	10.59	77	157954	8.554	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	13658	5.247	ng		96
66) n-Nitrosodiphenylamine	10.55	169	127791	8.643	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	42327	8.050	ng		95
68) Hexachlorobenzene	10.99	284	47736	7.851	ng		95
69) Atrazine	11.07	200	37323	7.674	ng		98
70) Pentachlorophenol	11.19	266	15481	5.244	ng		93
71) Phenanthrene	11.40	178	224013	8.921	ng		96
72) Anthracene	11.46	178	230332	9.063	ng		97
73) Carbazole	11.61	167	201736	8.750	ng		96
74) Di-n-butylphthalate	11.94	149	209485	7.789	ng		98
75) Fluoranthene	12.59	202	227504	8.654	ng		99
77) Benzidine	12.71	184	106188	8.146	ng		98
78) Pyrene	12.82	202	237972	8.182	ng		97
80) Butylbenzylphthalate	13.43	149	81363	6.613	ng		96
81) Benzo(a)anthracene	14.01	228	198859	8.064	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	70373	8.214	ng		97
83) Chrysene	14.04	228	195451	8.163	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	110892	6.936	ng		98
85) Di-n-octyl phthalate	14.60	149	170197	6.702	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	144760	7.199	ng		99
88) Benzo(b)fluoranthene	15.06	252	162441	7.610	ng		100
89) Benzo(k)fluoranthene	15.09	252	177337	8.529	ng		96
90) Benzo(a)pyrene	15.42	252	152034	7.967	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	120340	7.285	ng		97
92) Benzo(g,h,i)perylene	17.40	276	118614	7.312	ng		98

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

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