Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115866.D
Acq On : 31 Jul 2019 15:19
Operator : HP/JU
Sample : K3591-09
Misc : MDL-WATER-8PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-MDL-WATER-03-QT3-2019

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8/1/2019 5:06:34 PM

Quant Time: Aug 01 09:18:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 01 09:04:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139515	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	548906	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	289704	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	498722	20.00	ng		0.00
76) Chrysene-d12	14.02	240	382209	20.00	ng		-0.01
87) Perylene-d12	15.49	264	352151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	845509	101.45	ng		0.00
7) Phenol-d6	6.48	99	1060114	100.82	ng		0.00
23) Nitrobenzene-d5	7.41	82	781768	82.21	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	277953	98.96	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1293416	83.63	ng		0.00
79) Terphenyl-d14	12.96	244	1371397	75.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	34900	8.289	ng		99
3) Pyridine	3.42	79	78987	6.716	ng		99
4) n-Nitrosodimethylamine	3.30	42	33785	7.279	ng	#	99
6) Aniline	6.52	93	123217	8.183	ng		98
8) 2-Chlorophenol	6.64	128	77986	8.462	ng		95
9) Benzaldehyde	6.40	77	67932	9.363	ng		98
10) Phenol	6.49	94	105186	8.495	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	73485	8.072	ng		96
12) 1,3-Dichlorobenzene	6.79	146	86532	8.125	ng		99
13) 1,4-Dichlorobenzene	6.87	146	88247	8.275	ng		98
14) 1,2-Dichlorobenzene	7.02	146	81623	8.313	ng		98
15) Benzyl Alcohol	6.99	79	71013	8.899	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	97409	7.845	ng		98
17) 2-Methylphenol	7.10	107	63164	8.094	ng		98
18) Hexachloroethane	7.36	117	29343	7.474	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	53785	8.255	ng		98
20) 3+4-Methylphenols	7.26	107	81166	8.790	ng	#	49
22) Acetophenone	7.26	105	111362	9.251	ng		98
24) Nitrobenzene	7.43	77	91001	8.863	ng		97
25) Isophorone	7.66	82	149572	8.226	ng		97
26) 2-Nitrophenol	7.75	139	36739	7.591	ng		99
27) 2,4-Dimethylphenol	7.78	122	64997	8.926	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	90256	8.008	ng		99
29) 2,4-Dichlorophenol	7.99	162	62028	8.068	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	70329	8.024	ng		97
31) Naphthalene	8.15	128	230192	8.912	ng		99
32) Benzoic acid	7.87	122	13751m	2.678	ng		
33) 4-Chloroaniline	8.20	127	92766	8.038	ng		97
34) Hexachlorobutadiene	8.27	225	39564	7.837	ng		97
35) Caprolactam	8.54	113	18719	7.528	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	65124	8.142	ng		98
37) 2-Methylnaphthalene	8.85	142	153478	9.022	ng		98
38) 1-Methylnaphthalene	8.95	142	144326	8.968	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	66601	8.599	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	12110	4.000	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	38438	7.210	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	40678	7.382	ng		98
46) 1,1'-Biphenyl	9.31	154	187395	9.162	ng		98
47) 2-Chloronaphthalene	9.34	162	140457	8.251	ng		99
48) 2-Nitroaniline	9.43	65	42243	7.508	ng	#	83
49) Acenaphthylene	9.75	152	227175	9.147	ng		98
50) Dimethylphthalate	9.60	163	155742	7.895	ng		99
51) 2,6-Dinitrotoluene	9.67	165	33800	7.885	ng		93
52) Acenaphthene	9.92	154	135304	8.881	ng		99
53) 3-Nitroaniline	9.84	138	37620	7.102	ng		98
54) 2,4-Dinitrophenol	9.96	184	4376	2.404	ng		90
55) Dibenzofuran	10.10	168	201174	9.080	ng		99
56) 4-Nitrophenol	10.02	139	16418	4.839	ng		89
57) 2,4-Dinitrotoluene	10.07	165	42413	7.431	ng	#	83
58) Fluorene	10.44	166	156632	9.188	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	35835	7.729	ng		98
60) Diethylphthalate	10.30	149	147490	8.009	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	74406	8.618	ng		97
62) 4-Nitroaniline	10.45	138	39623	7.239	ng		98
63) Azobenzene	10.59	77	160967	8.498	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	13116	4.963	ng		97
66) n-Nitrosodiphenylamine	10.55	169	132217	8.808	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	43448	8.138	ng		93
68) Hexachlorobenzene	10.99	284	48202	7.808	ng		99
69) Atrazine	11.07	200	38667	7.830	ng		97
70) Pentachlorophenol	11.19	266	13924	4.646	ng		98
71) Phenanthrene	11.40	178	227614	8.928	ng		98
72) Anthracene	11.45	178	232695	9.018	ng		99
73) Carbazole	11.61	167	203359	8.687	ng		97
74) Di-n-butylphthalate	11.93	149	209605	7.676	ng		99
75) Fluoranthene	12.59	202	234666	8.792	ng		97
77) Benzidine	12.71	184	103945	8.050	ng		99
78) Pyrene	12.82	202	242041	8.401	ng		98
80) Butylbenzylphthalate	13.43	149	79624	6.533	ng		100
81) Benzo(a)anthracene	14.01	228	197168	8.071	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	65789	7.752	ng		99
83) Chrysene	14.04	228	194792	8.213	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	106848	6.747	ng		97
85) Di-n-octyl phthalate	14.60	149	158730	6.310	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	137356	6.895	ng		100
88) Benzo(b)fluoranthene	15.06	252	153080	7.518	ng		99
89) Benzo(k)fluoranthene	15.09	252	168498	8.496	ng		97
90) Benzo(a)pyrene	15.42	252	144903	7.961	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	115016	7.300	ng		99
92) Benzo(g,h,i)perylene	17.40	276	112174	7.249	ng		99

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

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