Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010812.D
Acq On : 13 Jul 2017 14:55
Operator : SJ/JU
Sample : I3757-06
Misc : 20PPM LOQ
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-06-QT3-2017

Quant Time: Jul 13 16:16:21 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	196628	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	783459	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	498116	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1188231	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1337689	20.00	ng		0.00
86) Perylene-d12	23.20	264	1250708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1471403	123.96	ng		0.00
7) Phenol-d6	6.64	99	2011985	122.95	ng		0.00
23) Nitrobenzene-d5	8.59	82	1769095	86.79	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1003828	131.87	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3602003	89.96	ng		0.00
78) Terphenyl-d14	19.51	244	5681208	82.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	108027	20.625	ng	#	100
3) Pyridine	3.46	79	295255	20.623	ng		89
4) n-Nitrosodimethylamine	3.38	42	149167	20.386	ng	#	71
6) Aniline	6.79	93	397609	19.396	ng	#	90
8) 2-Chlorophenol	7.02	128	232023	19.742	ng		89
9) Benzaldehyde	6.60	77	191387	16.844	ng		88
10) Phenol	6.66	94	337059	19.481	ng		94
11) bis(2-Chloroethyl)ether	6.89	93	262757	19.719	ng		97
12) 1,3-Dichlorobenzene	7.33	146	283076	19.490	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	288885	19.274	ng	#	93
14) 1,2-Dichlorobenzene	7.79	146	277072	19.400	ng	#	91
15) Benzyl Alcohol	7.69	79	300646	19.403	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.98	45	237480	20.556	ng		78
17) 2-Methylphenol	7.89	107	219522	19.618	ng	#	80
18) Hexachloroethane	8.50	117	121534	19.332	ng	#	83
19) n-Nitroso-di-n-propylamine	8.25	70	257797	19.888	ng		96
20) 3+4-Methylphenols	8.22	107	307882	19.805	ng		87
22) Acetophenone	8.26	105	461584	19.568	ng	#	96
24) Nitrobenzene	8.63	77	423254	20.262	ng	#	88
25) Isophorone	9.15	82	651024	19.497	ng	#	85
26) 2-Nitrophenol	9.33	139	136753	19.674	ng	#	43
27) 2,4-Dimethylphenol	9.40	122	234253	18.882	ng	#	76
28) bis(2-Chloroethoxy)methane	9.64	93	376465	20.112	ng		98
29) 2,4-Dichlorophenol	9.86	162	267556	19.092	ng		93
30) 1,2,4-Trichlorobenzene	10.08	180	327215	19.099	ng		98
31) Naphthalene	10.26	128	770182	19.334	ng		98
32) Benzoic acid	9.51	122	178505	18.339	ng	#	57
33) 4-Chloroaniline	10.38	127	308074	19.195	ng	#	79
34) Hexachlorobutadiene	10.55	225	262780	19.767	ng		92
35) Caprolactam	11.15	113	65769	17.628	ng		94
36) 4-Chloro-3-methylphenol	11.50	107	323071	19.058	ng	#	75
37) 2-Methylnaphthalene	11.88	142	541060	18.910	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	424555	19.554	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	250796	20.149	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	262375	19.625	ng		96
43) 2,4,5-Trichlorophenol	12.58	196	257297	19.493	ng	#	87
45) 1,1'-Biphenyl	12.92	154	853323	19.664	ng		97
46) 2-Chloronaphthalene	12.96	162	639424	20.095	ng		94
47) 2-Nitroaniline	13.17	65	202539	19.363	ng	#	68
48) Acenaphthylene	13.82	152	954813	20.175	ng		98
49) Dimethylphthalate	13.57	163	820249	19.356	ng		98
50) 2,6-Dinitrotoluene	13.68	165	171407	20.622	ng	#	56
51) Acenaphthene	14.16	154	570905	19.742	ng		98
52) 3-Nitroaniline	14.01	138	146449	19.381	ng	#	40
53) 2,4-Dinitrophenol	14.22	184	106123	18.469	ng	#	90
54) Dibenzofuran	14.50	168	911815	19.493	ng	#	87
55) 4-Nitrophenol	14.32	139	126509	19.277	ng	#	4
56) 2,4-Dinitrotoluene	14.47	165	220857	19.149	ng		92
57) Fluorene	15.16	166	776475	19.310	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	239683	19.543	ng	#	100
59) Diethylphthalate	14.95	149	830757	19.850	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	485906	19.671	ng		95
61) 4-Nitroaniline	15.18	138	149855	18.974	ng	#	1
62) Azobenzene	15.45	77	839956	19.765	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	145148	18.525	ng		96
65) n-Nitrosodiphenylamine	15.37	169	680743	20.022	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	312516	20.753	ng	#	90
67) Hexachlorobenzene	16.16	284	351444	20.410	ng	#	88
68) Atrazine	16.34	200	276970	19.671	ng		96
69) Pentachlorophenol	16.50	266	221930	20.105	ng		95
70) Phenanthrene	16.89	178	1253025	20.271	ng		99
71) Anthracene	16.99	178	1219638	19.877	ng		99
72) Carbazole	17.26	167	1066443	19.734	ng		99
73) Di-n-butylphthalate	17.85	149	1222713	19.124	ng	#	95
74) Fluoranthene	18.92	202	1495399	19.533	ng		98
76) Benzidine	19.12	184	554990	15.504	ng		98
77) Pyrene	19.29	202	1526617	19.686	ng		100
79) Butylbenzylphthalate	20.22	149	512951	18.893	ng	#	72
80) Benzo(a)anthracene	21.05	228	1539806	19.866	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	564787	18.531	ng	#	98
82) Chrysene	21.10	228	1445485	19.581	ng		100
83) Bis(2-ethylhexyl)phthalate	21.01	149	746088	18.871	ng		97
84) Di-n-octyl phthalate	21.87	149	1274372	19.673	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	1739430	20.549	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	1526630	19.216	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	1564249	20.614	ng	#	95
89) Benzo(a)pyrene	23.10	252	1460305	20.194	ng	#	95
90) Dibenzo(a,h)anthracene	25.32	278	1418132	20.205	ng	#	89
91) Benzo(g,h,i)perylene	25.94	276	1413839	20.492	ng	#	84

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

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