Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032575.D
Acq On : 6 Feb 2018 20:56
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-W-5 ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:40 PM

Quant Time: Feb 07 14:24:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	15953	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	82675	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	58469	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	146066	20.00	ng	0.00
75) Chrysene-d12	22.40	240	190465	20.00	ng	-0.01
86) Perylene-d12	26.06	264	213330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	145949	183.76	ng	0.00
7) Phenol-d6	7.82	99	159151	150.16	ng	0.00
23) Nitrobenzene-d5	9.90	82	93010	70.27	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	157593	141.60	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	423334	86.06	ng	0.00
78) Terphenyl-d14	20.61	244	841317	94.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.80	88	1319	4.936	ng	# 40
3) Pyridine	4.26	79	2221	3.078	ng	# 84
4) n-Nitrosodimethylamine	4.19	42	1404	3.738	ng	# 1
6) Aniline	8.00	93	1238	0.937	ng	# 85
8) 2-Chlorophenol	8.25	128	5311	5.657	ng	90
9) Benzaldehyde	7.82	77	2846	5.199	ng	# 76
10) Phenol	7.85	94	4994	4.962	ng	# 58
11) bis(2-Chloroethyl)ether	8.09	93	3614	4.713	ng	77
12) 1,3-Dichlorobenzene	8.59	146	5050	3.977	ng	# 89
13) 1,4-Dichlorobenzene	8.75	146	5314	4.176	ng	# 73
14) 1,2-Dichlorobenzene	9.06	146	5680	4.556	ng	# 67
15) Benzyl Alcohol	8.95	79	1875	2.147	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.24	45	2581	3.552	ng	69
17) 2-Methylphenol	9.16	107	2604	3.185	ng	# 80
18) Hexachloroethane	9.83	117	1835	4.295	ng	# 69
19) n-Nitroso-di-n-propylamine	9.51	70	2155	3.067	ng	# 93
20) 3+4-Methylphenols	9.49	107	3096	2.700	ng	84
22) Acetophenone	9.55	105	4675	2.412	ng	# 86
24) Nitrobenzene	9.95	77	4277	3.342	ng	94
25) Isophorone	10.47	82	8307	3.686	ng	# 79
26) 2-Nitrophenol	10.69	139	2219	2.868	ng	# 77
27) 2,4-Dimethylphenol	10.72	122	3924	3.533	ng	# 79
28) bis(2-Chloroethoxy)methane	10.95	93	4249	3.438	ng	94
29) 2,4-Dichlorophenol	11.23	162	4642	3.155	ng	# 81
30) 1,2,4-Trichlorobenzene	11.44	180	6965	3.552	ng	# 81
31) Naphthalene	11.64	128	15654	3.877	ng	98
32) Benzoic acid	10.86	122	212	7.500	ng	# 1
33) 4-Chloroaniline	11.77	127	1448m	0.804	ng	
34) Hexachlorobutadiene	11.90	225	5856	3.839	ng	98
35) Caprolactam	12.45	113	1408	3.334	ng	# 42
36) 4-Chloro-3-methylphenol	12.82	107	4488	3.216	ng	98
37) 2-Methylnaphthalene	13.20	142	13030	3.841	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	10680	3.904	ng	# 94
40) Hexachlorocyclopentadiene	13.52	237	4967	2.906	ng	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	5634m	3.787	ng		
43) 2,4,5-Trichlorophenol	13.86	196	4645	2.678	ng	#	87
45) 1,1'-Biphenyl	14.18	154	19256	3.898	ng		94
46) 2-Chloronaphthalene	14.23	162	14427	3.726	ng		94
47) 2-Nitroaniline	14.43	65	2571	3.003	ng	#	37
48) Acenaphthylene	15.07	152	21399	3.656	ng		95
49) Dimethylphthalate	14.77	163	19926	3.696	ng		97
50) 2,6-Dinitrotoluene	14.90	165	4117	3.638	ng	#	88
51) Acenaphthene	15.40	154	14253	3.511	ng		97
52) 3-Nitroaniline	15.24	138	1829m	1.851	ng		
53) 2,4-Dinitrophenol	15.47	184	93	4.229	ng	#	39
54) Dibenzofuran	15.74	168	23160	3.855	ng		97
55) 4-Nitrophenol	15.54	139	606	0.819	ng	#	71
56) 2,4-Dinitrotoluene	15.68	165	5353	3.323	ng	#	56
57) Fluorene	16.38	166	19695	3.945	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	6302	3.684	ng	#	82
59) Diethylphthalate	16.11	149	18966	3.612	ng	#	93
60) 4-Chlorophenyl-phenylether	16.36	204	12321	3.914	ng		98
61) 4-Nitroaniline	16.40	138	3166	2.989	ng	#	83
62) Azobenzene	16.65	77	11663	3.717	ng	#	77
64) 4,6-Dinitro-2-methylphenol	16.46	198	1602	1.468	ng	#	60
65) n-Nitrosodiphenylamine	16.57	169	18069	4.145	ng		91
66) 4-Bromophenyl-phenylether	17.25	248	8468	3.913	ng		89
67) Hexachlorobenzene	17.37	284	9653	4.031	ng	#	88
68) Atrazine	17.49	200	7635	4.080	ng		89
69) Pentachlorophenol	17.72	266	2551	1.700	ng		93
70) Phenanthrene	18.12	178	32984	4.049	ng		96
71) Anthracene	18.21	178	32761	4.039	ng		97
72) Carbazole	18.48	167	27725	3.869	ng		99
73) Di-n-butylphthalate	18.97	149	32038	4.038	ng	#	96
74) Fluoranthene	20.08	202	34473	3.227	ng		94
76) Benzidine	20.26	184	990	0.265	ng	#	66
77) Pyrene	20.44	202	44718	3.828	ng		96
79) Butylbenzylphthalate	21.29	149	15019	4.076	ng	#	77
80) Benzo(a)anthracene	22.38	228	48173	4.080	ng		99
81) 3,3'-Dichlorobenzidine	22.27	252	8189	1.790	ng	#	97
82) Chrysene	22.45	228	45505	3.991	ng		96
83) Bis(2-ethylhexyl)phthalate	22.21	149	19771	3.784	ng	#	91
84) Di-n-octyl phthalate	23.58	149	34891	4.210	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.30	276	64668	4.483	ng	#	65
87) Benzo(b)fluoranthene	24.89	252	52731	4.091	ng	#	98
88) Benzo(k)fluoranthene	24.96	252	49475	3.875	ng	#	91
89) Benzo(a)pyrene	25.89	252	49409	4.021	ng	#	89
90) Dibenzo(a,h)anthracene	30.37	278	50841	4.044	ng		95
91) Benzo(g,h,i)perylene	31.63	276	53794	4.311	ng	#	91

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

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