Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032572.D
Acq On : 6 Feb 2018 19:03
Operator : SJ/JU
Sample : J1161-08
Misc : LOQ-W-20 ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:35 PM

Quant Time: Feb 07 03:51:33 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	20315	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	82283	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	57427	20.00	ng		0.00
63) Phenanthrene-d10	18.07	188	148499	20.00	ng		0.00
75) Chrysene-d12	22.40	240	199129	20.00	ng		0.00
86) Perylene-d12	26.06	264	225168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	131992	130.50	ng		0.00
7) Phenol-d6	7.83	99	163074	120.83	ng		0.00
23) Nitrobenzene-d5	9.91	82	105147	79.82	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	145282	132.91	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	387278	80.15	ng		0.00
78) Terphenyl-d14	20.61	244	812535	87.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	4337	12.745	ng	#	76
3) Pyridine	4.26	79	11661	12.691	ng	#	74
4) n-Nitrosodimethylamine	4.17	42	6741	14.093	ng	#	50
6) Aniline	8.01	93	6854	4.073	ng	#	75
8) 2-Chlorophenol	8.26	128	20747	17.353	ng		82
9) Benzaldehyde	7.81	77	14330	20.557	ng		90
10) Phenol	7.86	94	20569	16.048	ng		78
11) bis(2-Chloroethyl)ether	8.09	93	15528	15.900	ng	#	78
12) 1,3-Dichlorobenzene	8.59	146	24871	15.382	ng		89
13) 1,4-Dichlorobenzene	8.74	146	25330	15.631	ng		98
14) 1,2-Dichlorobenzene	9.07	146	24904	15.688	ng		94
15) Benzyl Alcohol	8.95	79	14740	13.251	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.23	45	13073	14.127	ng		64
17) 2-Methylphenol	9.15	107	16477	15.828	ng	#	88
18) Hexachloroethane	9.82	117	8339	15.327	ng	#	83
19) n-Nitroso-di-n-propylamine	9.51	70	11438	12.782	ng	#	71
20) 3+4-Methylphenols	9.48	107	19001	13.013	ng		89
22) Acetophenone	9.55	105	28010	14.522	ng	#	91
24) Nitrobenzene	9.95	77	20747	16.287	ng	#	87
25) Isophorone	10.46	82	35131	15.662	ng	#	85
26) 2-Nitrophenol	10.67	139	11541	14.987	ng	#	80
27) 2,4-Dimethylphenol	10.72	122	18754	16.968	ng		95
28) bis(2-Chloroethoxy)methane	10.95	93	21697	17.639	ng	#	86
29) 2,4-Dichlorophenol	11.22	162	22440	15.326	ng		91
30) 1,2,4-Trichlorobenzene	11.43	180	26394	13.525	ng		98
31) Naphthalene	11.63	128	65468	16.291	ng	#	94
32) Benzoic acid	10.81	122	6024m	13.481	ng		
33) 4-Chloroaniline	11.74	127	8019	4.474	ng	#	89
34) Hexachlorobutadiene	11.90	225	17919	11.802	ng		99
35) Caprolactam	12.47	113	5013	11.927	ng	#	33
36) 4-Chloro-3-methylphenol	12.82	107	20957	15.090	ng		97
37) 2-Methylnaphthalene	13.20	142	52561	15.568	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	43218	16.086	ng	#	97
40) Hexachlorocyclopentadiene	13.53	237	26909	16.030	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	21319	14.589	ng		89
43) 2,4,5-Trichlorophenol	13.87	196	21731	12.756	ng	#	88
45) 1,1'-Biphenyl	14.18	154	73481	15.145	ng		96
46) 2-Chloronaphthalene	14.23	162	57895	15.225	ng		96
47) 2-Nitroaniline	14.43	65	12171	14.473	ng	#	72
48) Acenaphthylene	15.07	152	88125	15.329	ng		97
49) Dimethylphthalate	14.77	163	81771	15.443	ng	#	96
50) 2,6-Dinitrotoluene	14.90	165	17470	15.719	ng	#	74
51) Acenaphthene	15.40	154	61231	15.358	ng		96
52) 3-Nitroaniline	15.24	138	8300	8.550	ng	#	73
53) 2,4-Dinitrophenol	15.44	184	5156	11.155	ng	#	84
54) Dibenzofuran	15.73	168	97202	16.472	ng		97
55) 4-Nitrophenol	15.54	139	9437	12.985	ng	#	75
56) 2,4-Dinitrotoluene	15.68	165	25416	16.062	ng	#	68
57) Fluorene	16.38	166	77802	15.866	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.95	232	26200	15.594	ng	#	88
59) Diethylphthalate	16.11	149	81314	15.767	ng		96
60) 4-Chlorophenyl-phenylether	16.35	204	48703	15.751	ng		95
61) 4-Nitroaniline	16.39	138	14741	14.168	ng		91
62) Azobenzene	16.65	77	47253	15.332	ng	#	79
64) 4,6-Dinitro-2-methylphenol	16.44	198	13781	12.422	ng	#	68
65) n-Nitrosodiphenylamine	16.57	169	71444	16.121	ng		97
66) 4-Bromophenyl-phenylether	17.25	248	36572	16.624	ng		94
67) Hexachlorobenzene	17.37	284	39810	16.352	ng	#	90
68) Atrazine	17.49	200	32927	17.308	ng		98
69) Pentachlorophenol	17.72	266	16884	11.070	ng		97
70) Phenanthrene	18.11	178	136448	16.477	ng		99
71) Anthracene	18.20	178	138399	16.784	ng		96
72) Carbazole	18.47	167	121413	16.665	ng		97
73) Di-n-butylphthalate	18.97	149	135440	16.791	ng		99
74) Fluoranthene	20.08	202	186366	17.160	ng		95
76) Benzidine	20.25	184	15157	3.876	ng	#	92
77) Pyrene	20.44	202	178129	14.585	ng		98
79) Butylbenzylphthalate	21.29	149	60523	15.711	ng	#	71
80) Benzo(a)anthracene	22.37	228	200899	16.274	ng		97
81) 3,3'-Dichlorobenzidine	22.27	252	36504	7.632	ng	#	97
82) Chrysene	22.45	228	183608	15.401	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	87713	16.058	ng	#	98
84) Di-n-octyl phthalate	23.58	149	150276	17.345	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.29	276	263011	17.439	ng	#	81
87) Benzo(b)fluoranthene	24.88	252	215913	15.870	ng	#	96
88) Benzo(k)fluoranthene	24.96	252	207789	15.417	ng	#	97
89) Benzo(a)pyrene	25.89	252	217293	16.753	ng	#	94
90) Dibenzo(a,h)anthracene	30.37	278	228679	17.235	ng	#	93
91) Benzo(g,h,i)perylene	31.62	276	219230	16.646	ng	#	86

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

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