Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019178.D
Acq On : 13 Oct 2015 4:04
Operator : UM/NP
Sample : G3707-06
Misc : LOQ 20 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER2015-02

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:54 PM

Quant Time: Oct 13 05:19:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16791	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	78417	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	56747	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	146936	20.00	ng		0.00
75) Chrysene-d12	21.68	240	179309	20.00	ng		0.00
86) Perylene-d12	24.91	264	177641	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	102189	123.91	ng		0.00
7) Phenol-d6	7.20	99	159519	125.91	ng		0.00
23) Nitrobenzene-d5	9.19	82	109258	76.98	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	93022	120.29	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	273947	74.23	ng		0.00
78) Terphenyl-d14	20.02	244	505390	74.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	3961	11.42	ng		90
3) Pyridine	3.90	79	11651	10.99	ng		91
4) n-Nitrosodimethylamine	3.82	42	8591	14.29	ng		91
6) Aniline	7.36	93	16412	9.57	ng		93
8) 2-Chlorophenol	7.60	128	16539	15.98	ng		93
9) Benzaldehyde	7.16	77	13748	17.23	ng		96
10) Phenol	7.23	94	22387	16.97	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	14637	14.68	ng		97
12) 1,3-Dichlorobenzene	7.92	146	15352	13.59	ng		97
13) 1,4-Dichlorobenzene	8.07	146	16419	14.20	ng		98
14) 1,2-Dichlorobenzene	8.38	146	16654	14.89	ng		92
15) Benzyl Alcohol	8.27	79	17928	15.84	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	33465	15.67	ng		98
17) 2-Methylphenol	8.47	107	15442	16.39	ng		96
18) Hexachloroethane	9.11	117	6525	14.81	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	13765	13.69	ng	#	91
20) 3+4-Methylphenols	8.80	107	21694	15.99	ng		96
22) Acetophenone	8.86	105	26551	14.48	ng	#	98
24) Nitrobenzene	9.24	77	22279	14.80	ng		92
25) Isophorone	9.75	82	39301	13.61	ng		97
26) 2-Nitrophenol	9.94	139	8875	13.82	ng		93
27) 2,4-Dimethylphenol	10.01	122	16504	14.71	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	22253	14.45	ng		97
29) 2,4-Dichlorophenol	10.48	162	19240	16.36	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	17896	14.18	ng		94
31) Naphthalene	10.89	128	54845	14.53	ng		97
32) Benzoic acid	10.11	122	5478m	14.38	ng		
33) 4-Chloroaniline	10.99	127	16427	9.37	ng	#	95
34) Hexachlorobutadiene	11.18	225	13050	15.08	ng		95
35) Caprolactam	11.75	113	6361	14.68	ng	#	78
36) 4-Chloro-3-methylphenol	12.12	107	22789	15.24	ng		96
37) 2-Methylnaphthalene	12.49	142	43790	14.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	23472	14.39	ng		99
40) Hexachlorocyclopentadiene	12.84	237	11848	13.97	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	16509	14.54	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	18537	15.36	ng		97
45) 1,1'-Biphenyl	13.49	154	58842	14.28	ng		99
46) 2-Chloronaphthalene	13.54	162	46856	14.78	ng		97
47) 2-Nitroaniline	13.74	65	18437	14.48	ng		98
48) Acenaphthylene	14.38	152	80987	14.48	ng		98
49) Dimethylphthalate	14.11	163	64306	14.35	ng		99
50) 2,6-Dinitrotoluene	14.23	165	13518	14.12	ng	#	82
51) Acenaphthene	14.72	154	49861	14.83	ng		98
52) 3-Nitroaniline	14.56	138	11838	11.21	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	2796	8.72	ng	#	67
54) Dibenzofuran	15.06	168	77486	15.59	ng		98
55) 4-Nitrophenol	14.87	139	10062	12.58	ng		91
56) 2,4-Dinitrotoluene	15.01	165	20688	14.86	ng		99
57) Fluorene	15.71	166	65444	15.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	18253	15.98	ng	#	98
59) Diethylphthalate	15.47	149	67709	14.54	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	33414	15.21	ng		99
61) 4-Nitroaniline	15.72	138	15881	13.83	ng		97
62) Azobenzene	15.99	77	67843	15.71	ng		99
64) 4,6-Dinitro-2-methylphenol	15.78	198	7799	9.72	ng		98
65) n-Nitrosodiphenylamine	15.91	169	58259	14.35	ng		96
66) 4-Bromophenyl-phenylether	16.59	248	22544	15.10	ng		93
67) Hexachlorobenzene	16.71	284	26353	15.03	ng		95
68) Atrazine	16.86	200	24169	14.45	ng		97
69) Pentachlorophenol	17.06	266	10105	11.05	ng		93
70) Phenanthrene	17.44	178	113172	14.97	ng		97
71) Anthracene	17.54	178	115534	15.27	ng		97
72) Carbazole	17.81	167	102372	14.46	ng		98
73) Di-n-butylphthalate	18.37	149	124104	14.31	ng		98
74) Fluoranthene	19.45	202	143355	14.73	ng		99
76) Benzidine	19.64	184	22564	4.90	ng		98
77) Pyrene	19.82	202	145076	14.45	ng		98
79) Butylbenzylphthalate	20.71	149	54556	13.33	ng		98
80) Benzo(a)anthracene	21.66	228	137333	14.29	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	37316	10.50	ng		94
82) Chrysene	21.72	228	126942	13.91	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	76902	13.53	ng		96
84) Di-n-octyl phthalate	22.79	149	132160	13.46	ng		100
85) Indeno(1,2,3-cd)pyrene	28.58	276	157129	14.15	ng		97
87) Benzo(b)fluoranthene	23.88	252	138048	14.45	ng		100
88) Benzo(k)fluoranthene	23.95	252	137049	14.53	ng		98
89) Benzo(a)pyrene	24.75	252	133295	14.77	ng		97
90) Dibenzo(a,h)anthracene	28.64	278	135539	13.99	ng		97
91) Benzo(g,h,i)perylene	29.72	276	119948	13.31	ng		99

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

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