Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019174.D
Acq On : 13 Oct 2015 1:32
Operator : UM/NP
Sample : G3707-05
Misc : LOD 1 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:50 PM

Quant Time: Oct 13 05:03:30 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	17118	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	78670	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	55583	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	148947	20.00	ng		0.00
75) Chrysene-d12	21.68	240	176051	20.00	ng		0.00
86) Perylene-d12	24.91	264	171682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	117140	139.33	ng		0.00
7) Phenol-d6	7.20	99	178993	138.59	ng		0.00
23) Nitrobenzene-d5	9.19	82	122050	85.72	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	102203	134.93	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	302104	83.57	ng		0.00
78) Terphenyl-d14	20.02	244	558179	83.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	153	0.43	ng	#	1
4) n-Nitrosodimethylamine	3.83	42	486	0.79	ng	#	62
6) Aniline	7.36	93	987	0.56	ng		98
8) 2-Chlorophenol	7.61	128	989	0.94	ng		84
9) Benzaldehyde	7.17	77	770	0.95	ng	#	75
10) Phenol	7.23	94	1304	0.97	ng		82
11) bis(2-Chloroethyl)ether	7.45	93	764	0.75	ng		87
12) 1,3-Dichlorobenzene	7.92	146	889	0.77	ng	#	73
13) 1,4-Dichlorobenzene	8.06	146	790	0.67	ng		92
14) 1,2-Dichlorobenzene	8.39	146	955	0.84	ng	#	86
15) Benzyl Alcohol	8.27	79	776	0.67	ng	#	82
17) 2-Methylphenol	8.47	107	775	0.81	ng	#	84
18) Hexachloroethane	9.11	117	223	0.50	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	605	0.59	ng	#	84
20) 3+4-Methylphenols	8.80	107	985	0.71	ng	#	74
22) Acetophenone	8.86	105	1270	0.69	ng	#	91
24) Nitrobenzene	9.23	77	1230	0.81	ng	#	73
25) Isophorone	9.75	82	2059	0.71	ng	#	83
27) 2,4-Dimethylphenol	10.01	122	680	0.60	ng		90
28) bis(2-Chloroethoxy)methane	10.24	93	1134	0.73	ng	#	72
29) 2,4-Dichlorophenol	10.49	162	843	0.71	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	1064	0.84	ng	#	92
31) Naphthalene	10.89	128	3264	0.86	ng		98
33) 4-Chloroaniline	11.00	127	1005	0.57	ng	#	87
34) Hexachlorobutadiene	11.18	225	710	0.82	ng		92
36) 4-Chloro-3-methylphenol	12.11	107	1194	0.80	ng	#	84
37) 2-Methylnaphthalene	12.49	142	2339	0.80	ng	#	74
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	1370	0.86	ng	#	72
42) 2,4,6-Trichlorophenol	13.09	196	652	0.59	ng	#	70
43) 2,4,5-Trichlorophenol	13.18	196	742	0.63	ng	#	78
45) 1,1'-Biphenyl	13.49	154	3309	0.82	ng		97
46) 2-Chloronaphthalene	13.53	162	2853	0.92	ng	#	91
47) 2-Nitroaniline	13.74	65	789	0.63	ng	#	88
48) Acenaphthylene	14.38	152	4504	0.82	ng		96

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Quant Time: Oct 13 05:03:30 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.11	163	3514	0.80	ng	#	94
50) 2,6-Dinitrotoluene	14.23	165	580	0.62	ng	#	61
51) Acenaphthene	14.72	154	2503	0.76	ng		94
52) 3-Nitroaniline	14.56	138	528	0.51	ng	#	93
54) Dibenzofuran	15.06	168	4345	0.89	ng		89
56) 2,4-Dinitrotoluene	15.01	165	709	0.52	ng	#	96
57) Fluorene	15.71	166	3624	0.86	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	15.29	232	571	0.51	ng	#	46
59) Diethylphthalate	15.47	149	3603	0.79	ng	#	92
60) 4-Chlorophenyl-phenylether	15.70	204	1954	0.91	ng		94
61) 4-Nitroaniline	15.71	138	454	0.40	ng	#	72
62) Azobenzene	15.99	77	3586	0.85	ng		95
65) n-Nitrosodiphenylamine	15.91	169	3077	0.75	ng		87
66) 4-Bromophenyl-phenylether	16.59	248	1126	0.74	ng		93
67) Hexachlorobenzene	16.71	284	1449	0.82	ng		95
68) Atrazine	16.85	200	1070	0.63	ng		83
70) Phenanthrene	17.45	178	6566	0.86	ng		94
71) Anthracene	17.54	178	6050	0.79	ng		99
72) Carbazole	17.81	167	5338	0.74	ng	#	91
73) Di-n-butylphthalate	18.36	149	6049	0.69	ng	#	96
74) Fluoranthene	19.45	202	7814	0.79	ng		93
77) Pyrene	19.82	202	7806	0.79	ng	#	94
79) Butylbenzylphthalate	20.71	149	2394	0.60	ng	#	89
80) Benzo(a)anthracene	21.66	228	8115	0.86	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	1944	0.56	ng	#	85
82) Chrysene	21.72	228	7214	0.81	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	3651	0.65	ng	#	93
84) Di-n-octyl phthalate	22.79	149	6199	0.64	ng	#	98
85) Indeno(1,2,3-cd)pyrene	28.60	276	7019m	0.64	ng		
87) Benzo(b)fluoranthene	23.88	252	7298	0.79	ng		98
88) Benzo(k)fluoranthene	23.95	252	7203m	0.79	ng		
89) Benzo(a)pyrene	24.75	252	6373	0.73	ng	#	78
90) Dibenzo(a,h)anthracene	28.66	278	6417m	0.69	ng		
91) Benzo(g,h,i)perylene	29.72	276	5193	0.60	ng		93

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

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