Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021740.D
Acq On : 18 Apr 2016 16:19
Operator : UM/SJ
Sample : H1824-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2016-01

Quant Time: Apr 19 03:54:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27550	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	119108	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	77949	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	193734	20.00	ng		-0.01
75) Chrysene-d12	21.83	240	214816	20.00	ng		0.00
86) Perylene-d12	25.16	264	208347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	235842	142.55	ng		0.00
7) Phenol-d6	7.36	99	333613	135.00	ng		0.00
23) Nitrobenzene-d5	9.38	82	198636	85.72	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	132938	158.24	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	473372	88.98	ng		-0.01
78) Terphenyl-d14	20.14	244	757092	87.94	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.04	79	1352	0.61	ng	#	88
6) Aniline	7.52	93	2234	0.68	ng	#	79
8) 2-Chlorophenol	7.77	128	1531	0.77	ng		94
9) Benzaldehyde	7.35	77	2112	1.48	ng		94
10) Phenol	7.39	94	2334	0.88	ng	#	61
11) bis(2-Chloroethyl)ether	7.63	93	1587	0.75	ng		94
12) 1,3-Dichlorobenzene	8.09	146	1681	0.76	ng	#	85
13) 1,4-Dichlorobenzene	8.24	146	1648	0.73	ng		89
14) 1,2-Dichlorobenzene	8.57	146	1751	0.81	ng		88
15) Benzyl Alcohol	8.44	79	1740	0.92	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.73	45	3126	0.69	ng		89
17) 2-Methylphenol	8.64	107	1539	0.84	ng	#	85
18) Hexachloroethane	9.29	117	593	0.72	ng		89
19) n-Nitroso-di-n-propylamine	9.01	70	1289	0.67	ng	#	95
20) 3+4-Methylphenols	8.98	107	2057	0.82	ng		89
22) Acetophenone	9.03	105	2608	0.79	ng	#	88
24) Nitrobenzene	9.42	77	2214	0.89	ng	#	86
25) Isophorone	9.94	82	3929	0.77	ng	#	97
26) 2-Nitrophenol	10.14	139	742	0.78	ng	#	78
27) 2,4-Dimethylphenol	10.18	122	1784	0.83	ng	#	79
28) bis(2-Chloroethoxy)methane	10.42	93	2292	0.85	ng		91
29) 2,4-Dichlorophenol	10.67	162	1423	0.78	ng	#	82
30) 1,2,4-Trichlorobenzene	10.88	180	1544	0.78	ng	#	90
31) Naphthalene	11.07	128	5189	0.81	ng	#	95
33) 4-Chloroaniline	11.18	127	2191	0.79	ng		93
34) Hexachlorobutadiene	11.35	225	901	0.71	ng		90
35) Caprolactam	11.93	113	471	0.56	ng		95
36) 4-Chloro-3-methylphenol	12.29	107	2249	0.97	ng	#	92
37) 2-Methylnaphthalene	12.67	142	3778	0.86	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	1903	0.78	ng		91
40) Hexachlorocyclopentadiene	13.00	237	527	0.39	ng		94
42) 2,4,6-Trichlorophenol	13.26	196	1233m	0.79	ng		
43) 2,4,5-Trichlorophenol	13.33	196	1475	0.88	ng		95
45) 1,1'-Biphenyl	13.66	154	5074	0.77	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.70	162	3579	0.74	ng		89
47) 2-Nitroaniline	13.90	65	1336	0.80	ng		97
48) Acenaphthylene	14.54	152	6565	0.82	ng		99
49) Dimethylphthalate	14.26	163	5451	0.81	ng	#	95
50) 2,6-Dinitrotoluene	14.38	165	1190	0.93	ng	#	84
51) Acenaphthene	14.88	154	3843	0.75	ng		97
52) 3-Nitroaniline	14.71	138	1198	0.84	ng	#	84
54) Dibenzofuran	15.21	168	6790	0.97	ng	#	97
55) 4-Nitrophenol	15.02	139	580	0.48	ng		95
56) 2,4-Dinitrotoluene	15.17	165	1384	0.80	ng	#	86
57) Fluorene	15.86	166	5650	0.90	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.44	232	793	0.57	ng	#	95
59) Diethylphthalate	15.61	149	6061	0.86	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	2491	0.81	ng		88
61) 4-Nitroaniline	15.87	138	1305	0.83	ng		95
62) Azobenzene	16.13	77	5540	0.92	ng		96
65) n-Nitrosodiphenylamine	16.06	169	4683	0.81	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	1874	0.90	ng		96
67) Hexachlorobenzene	16.86	284	1765	0.81	ng		99
68) Atrazine	16.99	200	1814	0.79	ng		94
70) Phenanthrene	17.60	178	9111	0.85	ng		98
71) Anthracene	17.69	178	9373	0.86	ng		96
72) Carbazole	17.96	167	8128	0.80	ng		96
73) Di-n-butylphthalate	18.49	149	10332	0.80	ng	#	96
74) Fluoranthene	19.59	202	10054	0.79	ng		96
77) Pyrene	19.95	202	10206	0.82	ng		95
79) Butylbenzylphthalate	20.82	149	4963	0.86	ng		98
80) Benzo(a)anthracene	21.80	228	11263	0.91	ng		97
81) 3,3'-Dichlorobenzidine	21.72	252	2824	0.29	ng	#	98
82) Chrysene	21.88	228	10368	0.87	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	7756	0.92	ng		96
84) Di-n-octyl phthalate	22.94	149	12526	0.89	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.97	276	11476	0.81	ng	#	68
87) Benzo(b)fluoranthene	24.09	252	10546	0.87	ng		93
88) Benzo(k)fluoranthene	24.15	252	10338m	0.87	ng		
89) Benzo(a)pyrene	25.00	252	10370	0.89	ng	#	96
90) Dibenzo(a,h)anthracene	29.04	278	9609	0.82	ng	#	90
91) Benzo(g,h,i)perylene	30.16	276	10027	0.87	ng	#	95

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

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