Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020867.D
Acq On : 11 Feb 2016 22:05
Operator : SJ/UM
Sample : G4825-05
Misc : LOD 1PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Manual Integrations APPROVED
Sohil
2/12/2016 12:33:05 PM

Quant Time: Feb 12 05:11:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21090	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	104388	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	66705	20.00	ng		0.00
63) Phenanthrene-d10	17.61	188	139836	20.00	ng		0.00
75) Chrysene-d12	21.90	240	131742	20.00	ng		0.00
86) Perylene-d12	25.28	264	121820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	162176	129.50	ng		0.00
7) Phenol-d6	7.41	99	226844	123.93	ng		0.00
23) Nitrobenzene-d5	9.44	82	122919	77.42	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	82923	126.41	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	355209	74.80	ng		0.00
78) Terphenyl-d14	20.20	244	470666	83.34	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.07	79	526	0.39	ng	#	80
8) 2-Chlorophenol	7.83	128	1346	0.86	ng		89
9) Benzaldehyde	7.39	77	1069	1.17	ng	#	74
10) Phenol	7.43	94	1597	0.82	ng	#	35
11) bis(2-Chloroethyl)ether	7.68	93	983	0.64	ng		96
12) 1,3-Dichlorobenzene	8.16	146	994m	0.60	ng		
13) 1,4-Dichlorobenzene	8.30	146	1236	0.74	ng	#	92
14) 1,2-Dichlorobenzene	8.63	146	1219	0.75	ng		98
15) Benzyl Alcohol	8.50	79	787	0.68	ng		93
17) 2-Methylphenol	8.70	107	942	0.68	ng	#	83
18) Hexachloroethane	9.36	117	262	0.45	ng	#	52
19) n-Nitroso-di-n-propylamine	9.06	70	681	0.58	ng	#	67
20) 3+4-Methylphenols	9.03	107	1499	0.77	ng	#	89
22) Acetophenone	9.09	105	1640	0.65	ng	#	97
24) Nitrobenzene	9.48	77	1174	0.71	ng	#	80
25) Isophorone	10.00	82	2390	0.71	ng	#	94
27) 2,4-Dimethylphenol	10.24	122	773	0.46	ng		91
28) bis(2-Chloroethoxy)methane	10.48	93	1496	0.73	ng	#	85
29) 2,4-Dichlorophenol	10.73	162	1026	0.69	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	958	0.64	ng	#	75
31) Naphthalene	11.14	128	4202	0.78	ng	#	93
33) 4-Chloroaniline	11.25	127	1039	0.45	ng	#	86
34) Hexachlorobutadiene	11.42	225	462	0.60	ng	#	49
36) 4-Chloro-3-methylphenol	12.34	107	1208	0.70	ng		89
37) 2-Methylnaphthalene	12.73	142	3134	0.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	1308	0.67	ng	#	85
42) 2,4,6-Trichlorophenol	13.39	196	844	0.64	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	844	0.61	ng		98
45) 1,1'-Biphenyl	13.71	154	4088	0.69	ng		94
46) 2-Chloronaphthalene	13.77	162	2973	0.71	ng	#	91
47) 2-Nitroaniline	13.96	65	673	0.67	ng		83
48) Acenaphthylene	14.60	152	5144	0.70	ng	#	94
49) Dimethylphthalate	14.32	163	3714	0.71	ng	#	96
50) 2,6-Dinitrotoluene	14.44	165	684	0.61	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.94	154	3018	0.68	ng		93
52) 3-Nitroaniline	14.78	138	755	0.58	ng	#	81
54) Dibenzofuran	15.28	168	4969	0.85	ng		96
55) 4-Nitrophenol	15.06	139	282	0.29	ng	#	38
56) 2,4-Dinitrotoluene	15.22	165	746	0.52	ng	#	93
57) Fluorene	15.92	166	3828	0.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	613	0.58	ng	#	77
59) Diethylphthalate	15.68	149	3758	0.70	ng	#	87
60) 4-Chlorophenyl-phenylether	15.91	204	1789	0.74	ng	#	87
61) 4-Nitroaniline	15.92	138	605	0.46	ng	#	79
62) Azobenzene	16.20	77	3252	0.77	ng		97
65) n-Nitrosodiphenylamine	16.12	169	3325	0.74	ng		94
66) 4-Bromophenyl-phenylether	16.80	248	983	0.67	ng		93
67) Hexachlorobenzene	16.92	284	1106	0.70	ng	#	85
68) Atrazine	17.05	200	919	0.67	ng		95
70) Phenanthrene	17.66	178	6245	0.78	ng	#	93
71) Anthracene	17.75	178	5944	0.74	ng		94
72) Carbazole	18.01	167	5248	0.72	ng		99
73) Di-n-butylphthalate	18.55	149	6237	0.67	ng		99
74) Fluoranthene	19.65	202	6138	0.71	ng		97
77) Pyrene	20.01	202	6550	0.75	ng		95
79) Butylbenzylphthalate	20.88	149	2598	0.62	ng		90
80) Benzo(a)anthracene	21.87	228	6333m	0.81	ng		
81) 3,3'-Dichlorobenzidine	21.78	252	1282	0.44	ng	#	91
82) Chrysene	21.94	228	5375	0.73	ng		96
83) Bis(2-ethylhexyl)phthalate	21.76	149	4197	0.68	ng	#	97
84) Di-n-octyl phthalate	23.03	149	6867	0.68	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.15	276	5708	0.67	ng	#	62
87) Benzo(b)fluoranthene	24.19	252	5519m	0.74	ng		
88) Benzo(k)fluoranthene	24.26	252	5423	0.74	ng		98
89) Benzo(a)pyrene	25.12	252	5058	0.71	ng		98
90) Dibenzo(a,h)anthracene	29.21	278	4331	0.63	ng		97
91) Benzo(g,h,i)perylene	30.36	276	4693	0.68	ng	#	95

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

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