Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025366.D
Acq On : 21 Dec 2016 20:44
Operator : UM/SJ
Sample : H6103-05
Misc : LOD 1 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Manual Integrations APPROVED
sohil
12/22/2016 7:03:25 PM

Quant Time: Dec 22 04:34:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48697	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	197782	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	150003	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	348928	20.00	ng		0.00
75) Chrysene-d12	21.87	240	543752	20.00	ng		0.00
86) Perylene-d12	25.28	264	562803	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	376334	140.47	ng		0.00
7) Phenol-d6	7.37	99	518604	137.45	ng		0.00
23) Nitrobenzene-d5	9.39	82	382872	85.52	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	319236	132.19	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	821875	88.70	ng		0.00
78) Terphenyl-d14	20.16	244	1652815	80.59	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.53	93	3834	0.75	ng	#	77
8) 2-Chlorophenol	7.77	128	2656	0.88	ng	#	22
9) Benzaldehyde	7.38	77	3044	1.10	ng	#	36
10) Phenol	7.40	94	4019	0.96	ng	#	28
11) bis(2-Chloroethyl)ether	7.63	93	2967	0.92	ng	#	71
12) 1,3-Dichlorobenzene	8.10	146	3793	1.04	ng	#	83
13) 1,4-Dichlorobenzene	8.24	146	2864	0.76	ng	#	63
14) 1,2-Dichlorobenzene	8.57	146	2938	0.81	ng	#	85
15) Benzyl Alcohol	8.49	79	2339	0.65	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.72	45	5425	0.91	ng		88
17) 2-Methylphenol	8.67	107	2425	0.88	ng	#	67
18) Hexachloroethane	9.30	117	1160	0.80	ng		90
19) n-Nitroso-di-n-propylamine	9.01	70	2765	0.87	ng	#	63
20) 3+4-Methylphenols	9.01	107	2277	0.60	ng	#	57
22) Acetophenone	9.05	105	4919	0.90	ng	#	62
24) Nitrobenzene	9.44	77	4454	0.91	ng	#	73
31) Naphthalene	11.10	128	8370	0.85	ng	#	80
34) Hexachlorobutadiene	11.36	225	2995	0.92	ng	#	75
37) 2-Methylnaphthalene	12.70	142	6117	0.84	ng		88
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	4054	0.82	ng	#	28
45) 1,1'-Biphenyl	13.68	154	9462	0.94	ng		86
46) 2-Chloronaphthalene	13.72	162	6236	0.79	ng		97
47) 2-Nitroaniline	13.98	65	2623m	0.79	ng		
48) Acenaphthylene	14.57	152	9651	0.79	ng		98
49) Dimethylphthalate	14.29	163	9046	0.83	ng	#	78
50) 2,6-Dinitrotoluene	14.45	165	1776	0.74	ng	#	34
51) Acenaphthene	14.91	154	6078	0.76	ng	#	84
54) Dibenzofuran	15.25	168	11007	0.87	ng		89
56) 2,4-Dinitrotoluene	15.23	165	2080m	0.60	ng		
57) Fluorene	15.89	166	9245	0.87	ng	#	90
58) 2,3,4,6-Tetrachlorophenol	15.49	232	2514	0.72	ng	#	91
59) Diethylphthalate	15.63	149	10315	0.90	ng	#	91
60) 4-Chlorophenyl-phenylether	15.86	204	6137	1.02	ng	#	82
62) Azobenzene	16.16	77	8583	0.78	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) n-Nitrosodiphenylamine	16.09	169	7955m	0.84	ng		
66) 4-Bromophenyl-phenylether	16.77	248	3042	0.71	ng		86
67) Hexachlorobenzene	16.89	284	3757	0.76	ng	#	76
68) Atrazine	17.03	200	2848	0.69	ng	#	61
70) Phenanthrene	17.63	178	15893	0.88	ng	#	84
71) Anthracene	17.73	178	15631	0.86	ng	#	92
72) Carbazole	18.01	167	13865	0.85	ng	#	87
73) Di-n-butylphthalate	18.51	149	16305	0.81	ng	#	90
74) Fluoranthene	19.63	202	20825	0.88	ng		95
77) Pyrene	19.99	202	23440	0.82	ng	#	86
79) Butylbenzylphthalate	20.83	149	10229	0.90	ng	#	86
80) Benzo(a)anthracene	21.86	228	28196	0.93	ng		94
81) 3,3'-Dichlorobenzidine	21.77	252	8770	0.74	ng	#	62
82) Chrysene	21.93	228	27324	0.94	ng	#	84
83) Bis(2-ethylhexyl)phthalate	21.70	149	14514	0.91	ng	#	88
84) Di-n-octyl phthalate	22.95	149	25499	0.97	ng		99
85) Indeno(1,2,3-cd)pyrene	29.24	276	29145m	0.79	ng		
87) Benzo(b)fluoranthene	24.19	252	26600	0.87	ng	#	96
88) Benzo(k)fluoranthene	24.27	252	24859	0.84	ng	#	94
89) Benzo(a)pyrene	25.13	252	27025m	0.91	ng		
90) Dibenzo(a,h)anthracene	29.27	278	27281m	0.87	ng		
91) Benzo(g,h,i)perylene	30.48	276	24198m	0.77	ng		

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

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