Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022658.D
Acq On : 28 Jun 2016 1:18
Operator : UM/SJ
Sample : H3606-05
Misc : LOD-1PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2016-01

Manual Integrations APPROVED
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Quant Time: Jun 28 07:34:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	127964	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	540094	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	402897	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1106536	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1294304	20.00	ng		0.00
86) Perylene-d12	25.21	264	1313161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	810144	101.55	ng		0.00
7) Phenol-d6	7.31	99	1195823	106.34	ng		0.00
23) Nitrobenzene-d5	9.33	82	813600	63.76	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	696123	109.85	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1640611	64.58	ng		0.00
78) Terphenyl-d14	20.16	244	2834458	58.02	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.02	79	3473	0.38	ng	#	64
6) Aniline	7.48	93	7525	0.50	ng	#	77
8) 2-Chlorophenol	7.72	128	6053	0.73	ng		77
9) Benzaldehyde	7.29	77	9593	2.42	ng	#	76
10) Phenol	7.34	94	8964	0.75	ng	#	71
11) bis(2-Chloroethyl)ether	7.58	93	6279	0.64	ng		85
12) 1,3-Dichlorobenzene	8.05	146	7404	0.74	ng	#	85
13) 1,4-Dichlorobenzene	8.19	146	6058	0.60	ng	#	72
14) 1,2-Dichlorobenzene	8.52	146	7712	0.80	ng	#	69
15) Benzyl Alcohol	8.40	79	5740	0.55	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.69	45	6374	0.59	ng	#	65
17) 2-Methylphenol	8.59	107	5728	0.73	ng		93
18) Hexachloroethane	9.25	117	2582	0.62	ng	#	78
19) n-Nitroso-di-n-propylamine	8.96	70	4923	0.53	ng	#	79
20) 3+4-Methylphenols	8.92	107	7110	0.66	ng		86
22) Acetophenone	8.99	105	9684	0.62	ng	#	89
24) Nitrobenzene	9.37	77	9036	0.64	ng	#	90
25) Isophorone	9.90	82	14219	0.57	ng	#	85
26) 2-Nitrophenol	10.10	139	3368	0.66	ng	#	77
27) 2,4-Dimethylphenol	10.14	122	6063	0.62	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	8410	0.62	ng	#	74
29) 2,4-Dichlorophenol	10.63	162	6034	0.64	ng	#	67
30) 1,2,4-Trichlorobenzene	10.84	180	7221	0.64	ng		88
31) Naphthalene	11.04	128	18137	0.67	ng		97
33) 4-Chloroaniline	11.15	127	5696	0.49	ng	#	85
34) Hexachlorobutadiene	11.31	225	4705	0.54	ng	#	70
36) 4-Chloro-3-methylphenol	12.25	107	7944	0.68	ng	#	86
37) 2-Methylnaphthalene	12.63	142	11252	0.53	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	10292	0.68	ng		97
40) Hexachlorocyclopentadiene	12.98	237	4223	0.35	ng	#	74
42) 2,4,6-Trichlorophenol	13.22	196	6719	0.69	ng	#	59
43) 2,4,5-Trichlorophenol	13.30	196	6207	0.61	ng	#	74
45) 1,1'-Biphenyl	13.63	154	19976	0.65	ng		97
46) 2-Chloronaphthalene	13.68	162	16058	0.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.87	65	6861	0.70	ng	#	77
48) Acenaphthylene	14.52	152	23404	0.64	ng	#	93
49) Dimethylphthalate	14.24	163	22895	0.69	ng	#	86
50) 2,6-Dinitrotoluene	14.36	165	4528	0.62	ng	#	75
51) Acenaphthene	14.86	154	16725	0.62	ng	#	78
52) 3-Nitroaniline	14.70	138	3842	0.57	ng	#	42
53) 2,4-Dinitrophenol	14.91	184	1308	0.29	ng	#	74
54) Dibenzofuran	15.19	168	26126	0.67	ng	#	96
55) 4-Nitrophenol	15.01	139	3036	0.53	ng	#	42
56) 2,4-Dinitrotoluene	15.16	165	5229	0.52	ng	#	67
57) Fluorene	15.84	166	21428	0.69	ng	#	88
58) 2,3,4,6-Tetrachlorophenol	15.41	232	6530m	0.62	ng		
59) Diethylphthalate	15.60	149	21231	0.62	ng	#	86
60) 4-Chlorophenyl-phenylether	15.84	204	12474	0.67	ng	#	87
61) 4-Nitroaniline	15.86	138	4973	0.71	ng	#	56
62) Azobenzene	16.13	77	23219	0.62	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	3063	0.41	ng	#	17
65) n-Nitrosodiphenylamine	16.05	169	21733	0.67	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	7976	0.56	ng	#	78
67) Hexachlorobenzene	16.85	284	8929	0.59	ng	#	85
68) Atrazine	16.99	200	7779	0.57	ng	#	62
69) Pentachlorophenol	17.20	266	4360	0.42	ng	#	86
70) Phenanthrene	17.59	178	39349	0.70	ng	#	85
71) Anthracene	17.69	178	38838	0.67	ng	#	89
72) Carbazole	17.96	167	32059	0.65	ng	#	91
73) Di-n-butylphthalate	18.50	149	36647	0.64	ng	#	90
74) Fluoranthene	19.60	202	51228	0.79	ng		94
77) Pyrene	19.96	202	49584	0.72	ng	#	84
79) Butylbenzylphthalate	20.84	149	17642	0.59	ng	#	79
80) Benzo(a)anthracene	21.83	228	57135	0.80	ng	#	85
81) 3,3'-Dichlorobenzidine	21.74	252	13333	0.45	ng		87
82) Chrysene	21.89	228	50036	0.74	ng		91
83) Bis(2-ethylhexyl)phthalate	21.72	149	26356	0.63	ng	#	94
84) Di-n-octyl phthalate	22.98	149	38063	0.55	ng		97
85) Indeno(1,2,3-cd)pyrene	29.05	276	46960m	0.53	ng		
87) Benzo(b)fluoranthene	24.13	252	54688m	0.69	ng		
88) Benzo(k)fluoranthene	24.21	252	51584m	0.69	ng		
89) Benzo(a)pyrene	25.04	252	50177	0.65	ng	#	86
90) Dibenzo(a,h)anthracene	29.12	278	37465m	0.52	ng		
91) Benzo(g,h,i)perylene	30.25	276	37461m	0.51	ng		

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

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