Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024104.D
Acq On : 24 Sep 2016 1:48
Operator : UM/SJ
Sample : H4818-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-06-QT4

Manual Integrations APPROVED
umangi
9/26/2016 6:45:44 PM

Quant Time: Sep 26 10:44:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43693	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	191891	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	172858	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	414351	20.00	ng		0.00
75) Chrysene-d12	21.79	240	437288	20.00	ng		0.00
86) Perylene-d12	25.13	264	429713	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	319893	126.84	ng		0.00
7) Phenol-d6	7.21	99	511746	120.59	ng		0.00
23) Nitrobenzene-d5	9.22	82	368428	75.67	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	285650	114.97	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	785337	76.37	ng		0.00
78) Terphenyl-d14	20.09	244	1452548	68.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	14373	14.89	ng		99
3) Pyridine	3.85	79	36460	10.69	ng		91
4) n-Nitrosodimethylamine	3.77	42	22300	12.90	ng	#	80
6) Aniline	7.37	93	52637	8.83	ng		99
8) 2-Chlorophenol	7.60	128	43348	14.36	ng		99
9) Benzaldehyde	7.18	77	43491	18.82	ng		89
10) Phenol	7.24	94	66574	14.92	ng		89
11) bis(2-Chloroethyl)ether	7.45	93	44519	12.65	ng		93
12) 1,3-Dichlorobenzene	7.93	146	44847	13.32	ng		87
13) 1,4-Dichlorobenzene	8.07	146	45446	13.23	ng		89
14) 1,2-Dichlorobenzene	8.40	146	46178	13.81	ng		95
15) Benzyl Alcohol	8.30	79	50350	12.26	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	60446	12.44	ng		94
17) 2-Methylphenol	8.50	107	42791	14.43	ng		94
18) Hexachloroethane	9.12	117	19468	13.45	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	48138	11.55	ng	#	95
20) 3+4-Methylphenols	8.84	107	57659	13.38	ng		88
22) Acetophenone	8.88	105	80408	14.52	ng	#	95
24) Nitrobenzene	9.27	77	70762	13.56	ng		94
25) Isophorone	9.78	82	129577	13.05	ng	#	96
26) 2-Nitrophenol	9.99	139	25105	13.56	ng	#	78
27) 2,4-Dimethylphenol	10.05	122	48369	15.63	ng		85
28) bis(2-Chloroethoxy)methane	10.27	93	71106	14.73	ng		95
29) 2,4-Dichlorophenol	10.55	162	48960	15.20	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	50802	14.73	ng		92
31) Naphthalene	10.92	128	137829	14.18	ng		95
32) Benzoic acid	10.18	122	19738m	10.83	ng		
33) 4-Chloroaniline	11.05	127	40907	9.43	ng	#	94
34) Hexachlorobutadiene	11.19	225	34371	12.66	ng		91
35) Caprolactam	11.82	113	20567	15.69	ng		98
36) 4-Chloro-3-methylphenol	12.19	107	64152	14.15	ng		99
37) 2-Methylnaphthalene	12.53	142	110207	14.81	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	64765	12.83	ng		96
40) Hexachlorocyclopentadiene	12.87	237	14007	11.04	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	47257	14.48	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	46834	13.95	ng	#	86
45) 1,1'-Biphenyl	13.54	154	158143	13.38	ng		98
46) 2-Chloronaphthalene	13.59	162	128359	14.54	ng		99
47) 2-Nitroaniline	13.81	65	53619	13.06	ng		97
48) Acenaphthylene	14.44	152	210289	14.04	ng		95
49) Dimethylphthalate	14.16	163	190384	14.36	ng		98
50) 2,6-Dinitrotoluene	14.30	165	40065	14.38	ng		94
51) Acenaphthene	14.78	154	129542	14.26	ng		98
52) 3-Nitroaniline	14.65	138	27498	9.88	ng		85
53) 2,4-Dinitrophenol	14.88	184	15012	12.02	ng	#	83
54) Dibenzofuran	15.12	168	225027	15.91	ng		98
55) 4-Nitrophenol	15.02	139	20464	13.99	ng	#	86
56) 2,4-Dinitrotoluene	15.10	165	60398	14.25	ng	#	80
57) Fluorene	15.77	166	183824	14.93	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	48317	14.90	ng		93
59) Diethylphthalate	15.52	149	209240	14.65	ng		95
60) 4-Chlorophenyl-phenylether	15.76	204	91664	13.89	ng		98
61) 4-Nitroaniline	15.82	138	38043	13.20	ng		92
62) Azobenzene	16.05	77	221894	15.29	ng		91
64) 4,6-Dinitro-2-methylphenol	15.88	198	31573	10.97	ng		84
65) n-Nitrosodiphenylamine	15.97	169	172242	15.20	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	68005	14.15	ng		95
67) Hexachlorobenzene	16.78	284	71389	13.18	ng		94
68) Atrazine	16.93	200	74823	14.95	ng		98
69) Pentachlorophenol	17.15	266	23759	11.65	ng		92
70) Phenanthrene	17.52	178	326473	15.47	ng		96
71) Anthracene	17.61	178	324132	14.95	ng		95
72) Carbazole	17.89	167	296247	14.68	ng		94
73) Di-n-butylphthalate	18.43	149	361991	13.70	ng	#	96
74) Fluoranthene	19.54	202	392197	14.23	ng		94
76) Benzidine	19.73	184	96026	7.76	ng		96
77) Pyrene	19.90	202	399990	13.10	ng		93
79) Butylbenzylphthalate	20.77	149	153340	13.64	ng		96
80) Benzo(a)anthracene	21.77	228	367692	14.77	ng		93
81) 3,3'-Dichlorobenzidine	21.68	252	71880	8.06	ng		98
82) Chrysene	21.84	228	350650	14.99	ng		96
83) Bis(2-ethylhexyl)phthalate	21.64	149	219586	16.35	ng	#	92
84) Di-n-octyl phthalate	22.88	149	372500	16.07	ng		99
85) Indeno(1,2,3-cd)pyrene	28.95	276	408761	15.67	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	365813	14.63	ng		97
88) Benzo(k)fluoranthene	24.13	252	360656	14.53	ng	#	96
89) Benzo(a)pyrene	24.97	252	357628	14.80	ng	#	98
90) Dibenzo(a,h)anthracene	29.00	278	337588	13.99	ng	#	97
91) Benzo(g,h,i)perylene	30.15	276	336959	13.86	ng	#	95

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

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