Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024100.D
Acq On : 23 Sep 2016 23:15
Operator : UM/SJ
Sample : H4818-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Manual Integrations APPROVED
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Quant Time: Sep 26 10:24:18 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	40356	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	175988	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	145625	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	379979	20.00	ng		0.00
75) Chrysene-d12	21.79	240	442936	20.00	ng		0.00
86) Perylene-d12	25.13	264	428792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	325403	139.69	ng		0.00
7) Phenol-d6	7.21	99	489308	124.84	ng		0.00
23) Nitrobenzene-d5	9.22	82	347946	77.92	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	268447	128.25	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	732217	84.52	ng		0.00
78) Terphenyl-d14	20.09	244	1563958	72.30	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.37	93	3635	0.66	ng	#	79
8) 2-Chlorophenol	7.60	128	2687	0.96	ng	#	41
9) Benzaldehyde	7.22	77	4262	2.00	ng	#	61
10) Phenol	7.23	94	3718	0.90	ng	#	1
11) bis(2-Chloroethyl)ether	7.46	93	2490	0.77	ng		93
12) 1,3-Dichlorobenzene	7.93	146	2628	0.85	ng	#	66
13) 1,4-Dichlorobenzene	8.09	146	2768	0.87	ng	#	82
14) 1,2-Dichlorobenzene	8.38	146	2871	0.93	ng	#	88
15) Benzyl Alcohol	8.37	79	8607	2.27	ng	#	55
16) 2,2'-oxybis(1-Chloropropan	8.58	45	4332	0.97	ng		81
17) 2-Methylphenol	8.53	107	2243	0.82	ng	#	60
18) Hexachloroethane	9.13	117	1159	0.87	ng	#	64
19) n-Nitroso-di-n-propylamine	8.85	70	1224	0.32	ng	#	63
22) Acetophenone	8.90	105	4198m	0.83	ng		
24) Nitrobenzene	9.25	77	3975m	0.83	ng		
25) Isophorone	9.81	82	5773	0.63	ng	#	85
27) 2,4-Dimethylphenol	10.11	122	1662m	0.59	ng		
28) bis(2-Chloroethoxy)methane	10.32	93	3045	0.69	ng	#	79
30) 1,2,4-Trichlorobenzene	10.73	180	535	0.17	ng		87
31) Naphthalene	10.93	128	7151	0.80	ng	#	94
34) Hexachlorobutadiene	11.19	225	2004	0.80	ng	#	83
36) 4-Chloro-3-methylphenol	12.25	107	1918	0.46	ng	#	84
37) 2-Methylnaphthalene	12.55	142	5332	0.78	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	2995	0.70	ng		96
42) 2,4,6-Trichlorophenol	13.21	196	1993m	0.72	ng		
43) 2,4,5-Trichlorophenol	13.31	196	1568m	0.55	ng		
45) 1,1'-Biphenyl	13.55	154	7394	0.74	ng		85
46) 2-Chloronaphthalene	13.61	162	6089	0.82	ng		98
47) 2-Nitroaniline	13.87	65	1282m	0.37	ng		
48) Acenaphthylene	14.45	152	9767	0.77	ng	#	92
49) Dimethylphthalate	14.18	163	9111	0.82	ng	#	83
50) 2,6-Dinitrotoluene	14.33	165	1620	0.69	ng	#	82
51) Acenaphthene	14.78	154	6808	0.89	ng		85
54) Dibenzofuran	15.14	168	10600	0.89	ng		94

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Quant Time: Sep 26 10:24:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 2,4-Dinitrotoluene	15.13	165	1151	0.32	ng	#	49
57) Fluorene	15.78	166	8946	0.86	ng	#	87
58) 2,3,4,6-Tetrachlorophenol	15.39	232	671m	0.25	ng		
59) Diethylphthalate	15.53	149	10255	0.85	ng	#	89
60) 4-Chlorophenyl-phenylether	15.76	204	4574	0.82	ng		93
62) Azobenzene	16.06	77	11136	0.91	ng		91
65) n-Nitrosodiphenylamine	15.99	169	8579	0.83	ng		96
66) 4-Bromophenyl-phenylether	16.66	248	3010	0.68	ng		90
67) Hexachlorobenzene	16.79	284	4464	0.90	ng	#	92
68) Atrazine	16.94	200	3649	0.80	ng	#	72
70) Phenanthrene	17.53	178	17800m	0.92	ng		
71) Anthracene	17.64	178	17459	0.88	ng	#	91
72) Carbazole	17.92	167	15524	0.84	ng	#	91
73) Di-n-butylphthalate	18.44	149	19187	0.79	ng		97
74) Fluoranthene	19.55	202	22141	0.88	ng		91
76) Benzidine	19.76	184	10247	0.82	ng	#	90
77) Pyrene	19.91	202	23256	0.75	ng	#	87
79) Butylbenzylphthalate	20.77	149	7652	0.67	ng	#	87
80) Benzo(a)anthracene	21.77	228	21965	0.87	ng		93
81) 3,3'-Dichlorobenzidine	21.71	252	6323	0.70	ng	#	91
82) Chrysene	21.84	228	20905m	0.88	ng		
83) Bis(2-ethylhexyl)phthalate	21.64	149	13616	1.00	ng		93
84) Di-n-octyl phthalate	22.88	149	22784	0.97	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.00	276	24566	0.93	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	20954	0.84	ng	#	92
88) Benzo(k)fluoranthene	24.15	252	22880	0.92	ng	#	80
89) Benzo(a)pyrene	24.98	252	21155	0.88	ng	#	82
90) Dibenzo(a,h)anthracene	29.04	278	18718m	0.78	ng		
91) Benzo(g,h,i)perylene	30.21	276	20044m	0.83	ng		

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

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