Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034096.D
Acq On : 2 May 2018 2:13
Operator : SJ/JU
Sample : J2133-07
Misc : 1PPM LOD
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:51 PM

Quant Time: May 02 15:44:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53741	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	231893	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	183199	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	522065	20.00	ng		0.00
75) Chrysene-d12	21.76	240	585835	20.00	ng		-0.01
86) Perylene-d12	25.05	264	569430	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	463874	139.46	ng		0.00
7) Phenol-d6	7.22	99	678901	131.10	ng		0.00
23) Nitrobenzene-d5	9.24	82	487180	80.61	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	359183	141.59	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1064463	84.67	ng		0.00
78) Terphenyl-d14	20.09	244	2159272	80.74	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.39	93	7551m	1.072	ng		
8) 2-Chlorophenol	7.64	128	3570	1.076	ng	#	79
9) Benzaldehyde	7.22	77	5102m	0.142	ng		
10) Phenol	7.25	94	5794	1.109	ng	#	69
11) bis(2-Chloroethyl)ether	7.49	93	5150	1.252	ng	#	63
12) 1,3-Dichlorobenzene	7.96	146	4304	1.025	ng	#	72
13) 1,4-Dichlorobenzene	8.10	146	4834	1.159	ng	#	67
14) 1,2-Dichlorobenzene	8.43	146	4784	1.208	ng		90
15) Benzyl Alcohol	8.31	79	5056	0.915	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	6285	1.111	ng		81
18) Hexachloroethane	9.17	117	1729	0.975	ng	#	74
24) Nitrobenzene	9.28	77	7520	1.137	ng	#	72
31) Naphthalene	10.94	128	13573	1.114	ng		99
34) Hexachlorobutadiene	11.23	225	4618	1.068	ng	#	83
37) 2-Methylnaphthalene	12.55	142	9634	0.975	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	6579	0.928	ng	#	79
45) 1,1'-Biphenyl	13.55	154	16820	1.175	ng		90
46) 2-Chloronaphthalene	13.58	162	11728	1.082	ng	#	79
47) 2-Nitroaniline	13.78	65	3762	0.868	ng	#	58
48) Acenaphthylene	14.43	152	17290	0.999	ng	#	96
49) Dimethylphthalate	14.17	163	17082	1.075	ng	#	98
50) 2,6-Dinitrotoluene	14.29	165	2340	0.767	ng	#	85
51) Acenaphthene	14.77	154	11502	0.978	ng	#	82
54) Dibenzofuran	15.11	168	17704	1.039	ng	#	90
57) Fluorene	15.76	166	15435	1.039	ng	#	79
58) 2,3,4,6-Tetrachlorophenol	15.33	232	4587	0.974	ng	#	88
59) Diethylphthalate	15.54	149	17916	1.066	ng		98
62) Azobenzene	16.05	77	19470	1.072	ng		87
65) n-Nitrosodiphenylamine	15.98	169	11793	0.828	ng	#	77
66) 4-Bromophenyl-phenylether	16.66	248	6523	1.006	ng	#	73
67) Hexachlorobenzene	16.76	284	7244	1.101	ng	#	87
68) Atrazine	16.92	200	4425	1.419	ng	#	72
70) Phenanthrene	17.51	178	28048m	1.046	ng		
71) Anthracene	17.60	178	25266	0.929	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.86	167	28269	1.136	ng	#	91
73) Di-n-butylphthalate	18.44	149	28635	0.956	ng	#	94
74) Fluoranthene	19.52	202	36654	1.081	ng		93
77) Pyrene	19.88	202	37682	1.027	ng		95
79) Butylbenzylphthalate	20.78	149	13605	0.950	ng		91
80) Benzo(a)anthracene	21.74	228	38906	1.036	ng		92
82) Chrysene	21.80	228	40143	1.117	ng	#	91
83) Bis(2-ethylhexyl)phthalate	21.68	149	18165	0.921	ng	#	77
84) Di-n-octyl phthalate	22.92	149	26270	0.834	ng	#	75
85) Indeno(1,2,3-cd)pyrene	28.79	276	35340m	0.894	ng		
87) Benzo(b)fluoranthene	24.00	252	35237	0.980	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	33169	0.965	ng	#	87
89) Benzo(a)pyrene	24.89	252	32719	0.972	ng	#	82
90) Dibenzo(a,h)anthracene	28.88	278	30752	0.969	ng	#	86
91) Benzo(g,h,i)perylene	29.97	276	29110	0.931	ng	#	87

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

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