Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027934.D
Acq On : 14 Jul 2017 20:59
Operator : SJ/JU
Sample : I3757-05
Misc : 01PPM LOD
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER-05-QT3-2017

Quant Time: Jul 17 08:27:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	50165	20.00	ng		0.00
21) Naphthalene-d8	11.20	136	216476	20.00	ng		0.00
38) Acenaphthene-d10	14.98	164	155556	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	421971	20.00	ng		0.00
75) Chrysene-d12	22.06	240	507517	20.00	ng		0.00
86) Perylene-d12	25.59	264	461205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	394999	140.84	ng		0.00
7) Phenol-d6	7.52	99	538828	133.35	ng		0.00
23) Nitrobenzene-d5	9.54	82	380278	98.15	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	369940	160.47	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	1218230	103.28	ng		0.00
78) Terphenyl-d14	20.31	244	2060427	91.79	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.70	93	3832	0.815	ng	#	86
8) 2-Chlorophenol	7.94	128	3137	0.978	ng		78
9) Benzaldehyde	7.52	77	2640	1.193	ng	#	72
10) Phenol	7.54	94	4146	0.979	ng	#	36
11) bis(2-Chloroethyl)ether	7.78	93	3226	1.039	ng		82
12) 1,3-Dichlorobenzene	8.26	146	3282	0.874	ng		91
13) 1,4-Dichlorobenzene	8.41	146	3718	0.957	ng	#	83
14) 1,2-Dichlorobenzene	8.73	146	3954	1.048	ng	#	87
15) Benzyl Alcohol	8.62	79	2477	1.003	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.90	45	5412	0.864	ng		96
18) Hexachloroethane	9.46	117	1142	0.903	ng		90
24) Nitrobenzene	9.58	77	3841	0.943	ng		92
31) Naphthalene	11.24	128	9581	0.888	ng	#	90
34) Hexachlorobutadiene	11.52	225	2584	0.889	ng	#	72
37) 2-Methylnaphthalene	12.82	142	7249m	0.880	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	5275	0.858	ng	#	89
45) 1,1'-Biphenyl	13.81	154	13331	0.997	ng		97
46) 2-Chloronaphthalene	13.86	162	7910	0.813	ng		93
47) 2-Nitroaniline	14.07	65	2019	0.694	ng	#	66
48) Acenaphthylene	14.71	152	13009	0.840	ng		96
49) Dimethylphthalate	14.42	163	11347	0.874	ng		99
50) 2,6-Dinitrotoluene	14.55	165	1984	0.715	ng	#	77
51) Acenaphthene	15.04	154	8219	0.846	ng		98
54) Dibenzofuran	15.37	168	13505	0.909	ng	#	84
57) Fluorene	16.03	166	12121	0.913	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.61	232	2376	0.681	ng	#	85
59) Diethylphthalate	15.77	149	10780	0.856	ng		97
62) Azobenzene	16.30	77	8095	0.820	ng		90
65) n-Nitrosodiphenylamine	16.22	169	9309	0.756	ng		97
66) 4-Bromophenyl-phenylether	16.90	248	4387	0.833	ng	#	89
67) Hexachlorobenzene	17.03	284	4844	0.844	ng	#	90
68) Atrazine	17.17	200	3613	0.765	ng		87
70) Phenanthrene	17.77	178	19150	0.868	ng		99
71) Anthracene	17.86	178	18695	0.850	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.13	167	15347	0.776	ng	#	96
73) Di-n-butylphthalate	18.66	149	16578	0.763	ng		95
74) Fluoranthene	19.76	202	21669	0.818	ng		91
77) Pyrene	20.13	202	22926	0.845	ng	#	90
79) Butylbenzylphthalate	21.00	149	6239	0.640	ng	#	94
80) Benzo(a)anthracene	22.04	228	25244	0.905	ng	#	86
82) Chrysene	22.11	228	25567	0.958	ng	#	86
83) Bis(2-ethylhexyl)phthalate	21.90	149	11139	0.785	ng	#	96
84) Di-n-octyl phthalate	23.21	149	15892	0.660	ng		98
85) Indeno(1,2,3-cd)pyrene	29.62	276	22059m	0.715	ng		
87) Benzo(b)fluoranthene	24.45	252	22345	0.829	ng	#	95
88) Benzo(k)fluoranthene	24.53	252	22914	0.851	ng	#	92
89) Benzo(a)pyrene	25.41	252	20686	0.814	ng	#	96
90) Dibenzo(a,h)anthracene	29.71	278	19636m	0.765	ng		
91) Benzo(g,h,i)perylene	30.88	276	19501	0.788	ng	#	92

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

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