Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056481.D
Acq On : 31 Jan 2023 11:27
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 01:21:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.280	152	29072	20.000	ng		0.00
21) Naphthalene-d8	11.111	136	109190	20.000	ng		0.00
39) Acenaphthene-d10	14.895	164	89611	20.000	ng		0.00
64) Phenanthrene-d10	17.633	188	250428	20.000	ng		0.00
76) Chrysene-d12	21.922	240	265174	20.000	ng		0.00
86) Perylene-d12	25.342	264	292322	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	177112	112.071	ng		0.00
7) Phenol-d6	7.416	99	250100	106.808	ng		0.00
23) Nitrobenzene-d5	9.449	82	144016	74.896	ng		0.00
42) 2,4,6-Tribromophenol	16.376	330	136883	114.900	ng		0.00
45) 2-Fluorobiphenyl	13.520	172	491326	76.016	ng		0.00
79) Terphenyl-d14	20.207	244	1083540	71.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.609	88	2485	3.776	ng		92
3) Pyridine	4.037	79	6378	3.251	ng		97
4) n-Nitrosodimethylamine	3.932	42	1835	4.399	ng	#	76
6) Aniline	7.592	93	10512	3.429	ng		98
8) 2-Chlorophenol	7.833	128	7373	4.247	ng		97
9) Benzaldehyde	7.410	77	5571	3.687	ng		98
10) Phenol	7.445	94	10036	4.217	ng		90
11) bis(2-Chloroethyl)ether	7.680	93	5824	3.560	ng		89
12) 1,3-Dichlorobenzene	8.162	146	8015	4.010	ng		92
13) 1,4-Dichlorobenzene	8.315	146	8271	4.086	ng		94
14) 1,2-Dichlorobenzene	8.638	146	7594m	3.867	ng		
15) Benzyl Alcohol	8.515	79	5221	3.250	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.791	45	1259	3.632	ng	#	74
17) 2-Methylphenol	8.720	107	6067	3.351	ng		92
18) Hexachloroethane	9.372	117	2352	3.841	ng		92
19) n-Nitroso-di-n-propyla...	9.073	70	5125	3.798	ng	#	94
20) 3+4-Methylphenols	9.049	107	7972	3.142	ng		96
22) Acetophenone	9.102	105	10971	3.782	ng	#	97
24) Nitrobenzene	9.502	77	7391	3.985	ng		92
25) Isophorone	10.013	82	14455	3.644	ng	#	93
26) 2-Nitrophenol	10.213	139	3970	3.528	ng	#	87
27) 2,4-Dimethylphenol	10.260	122	6434	3.416	ng		93
28) bis(2-Chloroethoxy)met...	10.495	93	8620	3.933	ng		96
29) 2,4-Dichlorophenol	10.759	162	7018	3.311	ng		89
30) 1,2,4-Trichlorobenzene	10.970	180	9040	3.837	ng	#	91
31) Naphthalene	11.164	128	20991	3.642	ng	#	97
33) 4-Chloroaniline	11.264	127	9628	3.579	ng	#	93
34) Hexachlorobutadiene	11.435	225	6540	3.955	ng	#	85
35) Caprolactam	11.999	113	2554	3.572	ng		97
36) 4-Chloro-3-methylphenol	12.369	107	7867	3.843	ng		93
37) 2-Methylnaphthalene	12.745	142	17827	3.752	ng		90
38) 1-Methylnaphthalene	12.962	142	15707	3.540	ng		93
40) 1,2,4,5-Tetrachloroben...	13.103	216	13241	4.045	ng		96
41) Hexachlorocyclopentadiene	13.080	237	2268	7.574	ng		91
43) 2,4,6-Trichlorophenol	13.344	196	7297	3.459	ng		90
44) 2,4,5-Trichlorophenol	13.426	196	7671	3.106	ng	#	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056481.D
Acq On : 31 Jan 2023 11:27
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:21:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.732	154	25461	3.917	ng		96
47) 2-Chloronaphthalene	13.785	162	20250	3.986	ng		97
48) 2-Nitroaniline	13.979	65	3525	3.356	ng	#	81
49) Acenaphthylene	14.619	152	31165	3.770	ng		98
50) Dimethylphthalate	14.331	163	27861	3.843	ng		99
51) 2,6-Dinitrotoluene	14.461	165	5688	3.598	ng		99
52) Acenaphthene	14.960	154	20117	4.104	ng		98
53) 3-Nitroaniline	14.795	138	5496	3.586	ng		90
55) Dibenzofuran	15.289	168	34378	3.911	ng		99
56) 4-Nitrophenol	15.107	139	3402	3.248	ng	#	83
57) 2,4-Dinitrotoluene	15.248	165	9166	4.116	ng		98
58) Fluorene	15.935	166	28299	4.046	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.524	232	6821	3.106	ng	#	98
60) Diethylphthalate	15.683	149	26773	3.933	ng		97
61) 4-Chlorophenyl-phenyle...	15.918	204	16396	3.841	ng		94
62) 4-Nitroaniline	15.953	138	6077	3.962	ng		92
63) Azobenzene	16.211	77	18199	3.885	ng		96
65) 4,6-Dinitro-2-methylph...	16.023	198	4157	2.361	ng		87
66) n-Nitrosodiphenylamine	16.129	169	25628	3.614	ng		97
67) 4-Bromophenyl-phenylether	16.811	248	11278	3.518	ng		95
68) Hexachlorobenzene	16.940	284	12038	3.834	ng		96
69) Atrazine	17.057	200	11812	4.318	ng		98
71) Phenanthrene	17.674	178	49215	3.755	ng		98
72) Anthracene	17.768	178	51280	3.811	ng		99
73) Carbazole	18.033	167	44487	3.882	ng		97
74) Di-n-butylphthalate	18.556	149	46163	3.837	ng	#	98
75) Fluoranthene	19.666	202	67647	4.089	ng		99
77) Benzidine	19.837	184	36445m	5.079	ng		
78) Pyrene	20.030	202	73986	3.923	ng		95
80) Butylbenzylphthalate	20.882	149	20346	3.532	ng		96
81) Benzo(a)anthracene	21.899	228	69083	3.726	ng		98
82) 3,3'-Dichlorobenzidine	21.805	252	28778	4.311	ng		96
83) Chrysene	21.969	228	66858	3.839	ng		97
84) Bis(2-ethylhexyl)phtha...	21.764	149	28585	3.462	ng		98
85) Di-n-octyl phthalate	23.033	149	48702	3.541	ng		100
87) Indeno(1,2,3-cd)pyrene	29.267	276	77559	3.625	ng	#	92
88) Benzo(b)fluoranthene	24.243	252	72180	3.978	ng		100
89) Benzo(k)fluoranthene	24.314	252	72064	3.934	ng		99
90) Benzo(a)pyrene	25.177	252	63348	3.544	ng	#	93
91) Dibenzo(a,h)anthracene	29.325	278	69065	3.845	ng		97
92) Benzo(g,h,i)perylene	30.512	276	66512	3.838	ng	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056481.D
Acq On : 31 Jan 2023 11:27
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 01:21:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023