Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
Data File : BG056504.D
Acq On : 1 Feb 2023 17:43
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 02 05:04:09 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 :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	25976	20.000	ng		0.00
21) Naphthalene-d8	11.107	136	100491	20.000	ng	#	0.00
39) Acenaphthene-d10	14.891	164	84052	20.000	ng		0.00
64) Phenanthrene-d10	17.629	188	218915	20.000	ng		0.00
76) Chrysene-d12	21.918	240	215076	20.000	ng		0.00
86) Perylene-d12	25.344	264	232885	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	186694	132.214	ng		0.00
7) Phenol-d6	7.418	99	263055	125.731	ng		0.00
23) Nitrobenzene-d5	9.451	82	172027	97.208	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	146600	131.195	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	595840	98.283	ng		0.00
79) Terphenyl-d14	20.209	244	1176265	96.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	3236	5.504	ng		93
3) Pyridine	4.033	79	7487	4.272	ng		97
4) n-Nitrosodimethylamine	3.934	42	1890	5.071	ng	#	74
6) Aniline	7.588	93	12219	4.461	ng	#	95
8) 2-Chlorophenol	7.841	128	6702	4.320	ng		98
9) Benzaldehyde	7.400	77	6070	4.621	ng		84
10) Phenol	7.447	94	9655	4.540	ng		94
11) bis(2-Chloroethyl)ether	7.676	93	7118	4.870	ng		91
12) 1,3-Dichlorobenzene	8.164	146	8855	4.958	ng		99
13) 1,4-Dichlorobenzene	8.311	146	8952	4.949	ng		94
14) 1,2-Dichlorobenzene	8.634	146	8790	5.009	ng		97
15) Benzyl Alcohol	8.511	79	6302	4.390	ng		86
16) 2,2'-oxybis(1-Chloropr...	8.798	45	1329	4.291	ng		93
17) 2-Methylphenol	8.716	107	7042	4.353	ng		98
18) Hexachloroethane	9.374	117	2849	5.208	ng		80
19) n-Nitroso-di-n-propyla...	9.075	70	5686	4.716	ng		96
20) 3+4-Methylphenols	9.045	107	9114	4.020	ng		98
22) Acetophenone	9.104	105	13237	4.958	ng	#	99
24) Nitrobenzene	9.492	77	8553m	5.011	ng		
25) Isophorone	10.015	82	15909	4.358	ng		97
26) 2-Nitrophenol	10.214	139	4762	4.598	ng		95
27) 2,4-Dimethylphenol	10.256	122	7271	4.195	ng		91
28) bis(2-Chloroethoxy)met...	10.491	93	9185	4.554	ng		94
29) 2,4-Dichlorophenol	10.755	162	8865	4.544	ng		98
30) 1,2,4-Trichlorobenzene	10.966	180	10467	4.828	ng	#	82
31) Naphthalene	11.160	128	25243	4.759	ng		97
33) 4-Chloroaniline	11.266	127	11653	4.707	ng		95
34) Hexachlorobutadiene	11.431	225	8365	5.497	ng		97
35) Caprolactam	11.995	113	3026	4.599	ng		80
36) 4-Chloro-3-methylphenol	12.365	107	8272	4.390	ng	#	95
37) 2-Methylnaphthalene	12.741	142	20030	4.581	ng		98
38) 1-Methylnaphthalene	12.958	142	19341m	4.736	ng		
40) 1,2,4,5-Tetrachloroben...	13.105	216	15629	5.090	ng		98
41) Hexachlorocyclopentadiene	13.076	237	2905	8.014	ng		91
43) 2,4,6-Trichlorophenol	13.340	196	8265	4.177	ng		94
44) 2,4,5-Trichlorophenol	13.422	196	9666	4.172	ng	#	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
Data File : BG056504.D
Acq On : 1 Feb 2023 17:43
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

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

Quant Time: Feb 02 05:04:09 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	13.728	154	31335	5.140	ng		94
47) 2-Chloronaphthalene	13.781	162	23349	4.900	ng		95
48) 2-Nitroaniline	13.975	65	4008	4.069	ng		85
49) Acenaphthylene	14.621	152	35758	4.612	ng		97
50) Dimethylphthalate	14.327	163	31548	4.639	ng		97
51) 2,6-Dinitrotoluene	14.457	165	6871	4.633	ng		94
52) Acenaphthene	14.956	154	21644	4.708	ng		97
53) 3-Nitroaniline	14.797	138	6052	4.210	ng		91
55) Dibenzofuran	15.291	168	39990	4.850	ng		93
56) 4-Nitrophenol	15.115	139	3486	3.549	ng	#	84
57) 2,4-Dinitrotoluene	15.250	165	9477	4.537	ng		94
58) Fluorene	15.937	166	32099	4.893	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.520	232	8238	3.999	ng	#	95
60) Diethylphthalate	15.679	149	29904	4.683	ng		96
61) 4-Chlorophenyl-phenyle...	15.914	204	18989	4.743	ng		96
62) 4-Nitroaniline	15.949	138	6475	4.501	ng		95
63) Azobenzene	16.207	77	20560	4.679	ng		97
65) 4,6-Dinitro-2-methylph...	16.014	198	4571	2.970	ng		95
66) n-Nitrosodiphenylamine	16.131	169	28305	4.567	ng		98
67) 4-Bromophenyl-phenylether	16.813	248	13220	4.717	ng		97
68) Hexachlorobenzene	16.942	284	14083	5.131	ng	#	94
69) Atrazine	17.059	200	12757	5.335	ng		95
71) Phenanthrene	17.670	178	55052	4.805	ng		97
72) Anthracene	17.764	178	55891	4.752	ng		98
73) Carbazole	18.035	167	48772	4.869	ng		93
74) Di-n-butylphthalate	18.558	149	48124	4.575	ng		97
75) Fluoranthene	19.668	202	71116	4.918	ng		99
77) Benzidine	19.833	184	38676	6.645	ng		100
78) Pyrene	20.026	202	70534	4.611	ng		97
80) Butylbenzylphthalate	20.884	149	20198	4.324	ng		96
81) Benzo(a)anthracene	21.901	228	71318	4.743	ng		96
82) 3,3'-Dichlorobenzidine	21.801	252	28525	5.268	ng		98
83) Chrysene	21.971	228	67668	4.790	ng		99
84) Bis(2-ethylhexyl)phtha...	21.760	149	28631	4.275	ng		96
85) Di-n-octyl phthalate	23.029	149	49251	4.415	ng		99
87) Indeno(1,2,3-cd)pyrene	29.263	276	77910	4.570	ng	#	75
88) Benzo(b)fluoranthene	24.239	252	72688	5.029	ng		98
89) Benzo(k)fluoranthene	24.316	252	71662	4.910	ng		98
90) Benzo(a)pyrene	25.173	252	65097	4.572	ng		97
91) Dibenzo(a,h)anthracene	29.321	278	69420	4.851	ng		92
92) Benzo(g,h,i)perylene	30.502	276	67681	4.902	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
Data File : BG056504.D
Acq On : 1 Feb 2023 17:43
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 02 05:04:09 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 :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

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