Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
Data File : BG056942.D
Acq On : 31 Mar 2023 13:26
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-10ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 02:33:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.416	152	16875	20.000	ng		0.00
21) Naphthalene-d8	11.254	136	66715	20.000	ng		0.00
39) Acenaphthene-d10	15.025	164	52995	20.000	ng		0.00
64) Phenanthrene-d10	17.768	188	131140	20.000	ng		0.00
76) Chrysene-d12	22.092	240	123331	20.000	ng		0.00
86) Perylene-d12	25.634	264	134175	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.920	112	107247	101.714	ng		0.00
7) Phenol-d6	7.541	99	162262	102.894	ng		0.00
23) Nitrobenzene-d5	9.591	82	124889	76.597	ng		0.00
42) 2,4,6-Tribromophenol	16.505	330	93989	111.018	ng		0.00
45) 2-Fluorobiphenyl	13.656	172	305169	78.085	ng		0.00
79) Terphenyl-d14	20.336	244	578503	79.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.723	88	4144	8.966	ng		99
3) Pyridine	4.157	79	12060	8.101	ng		96
4) n-Nitrosodimethylamine	4.058	42	5853	8.551	ng	#	90
6) Aniline	7.723	93	18036	8.946	ng		93
8) 2-Chlorophenol	7.964	128	9216	8.775	ng		94
9) Benzaldehyde	7.535	77	11294	11.418	ng		95
10) Phenol	7.565	94	14342	9.178	ng		97
11) bis(2-Chloroethyl)ether	7.811	93	10316	9.268	ng		98
12) 1,3-Dichlorobenzene	8.305	146	11130	9.591	ng		99
13) 1,4-Dichlorobenzene	8.452	146	10978	9.373	ng		95
14) 1,2-Dichlorobenzene	8.775	146	11545	10.203	ng		90
15) Benzyl Alcohol	8.640	79	12187	9.301	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.927	45	11921	8.887	ng		93
17) 2-Methylphenol	8.839	107	9935	8.912	ng		86
18) Hexachloroethane	9.521	117	4369	10.206	ng	#	86
19) n-Nitroso-di-n-propyla...	9.215	70	10341	9.168	ng	#	93
20) 3+4-Methylphenols	9.162	107	13203	8.470	ng		91
22) Acetophenone	9.233	105	18900	9.521	ng	#	93
24) Nitrobenzene	9.632	77	15897	9.536	ng		97
25) Isophorone	10.149	82	29119	9.379	ng		98
26) 2-Nitrophenol	10.349	139	6096	9.474	ng		91
27) 2,4-Dimethylphenol	10.390	122	10913	9.606	ng		97
28) bis(2-Chloroethoxy)met...	10.625	93	14604	9.395	ng		98
29) 2,4-Dichlorophenol	10.889	162	10516	8.607	ng		92
30) 1,2,4-Trichlorobenzene	11.107	180	12701	9.784	ng		91
31) Naphthalene	11.307	128	34467	9.478	ng		98
32) Benzoic acid	10.467	122	7120m	9.124	ng		
33) 4-Chloroaniline	11.401	127	14393	8.764	ng		98
34) Hexachlorobutadiene	11.583	225	8289	8.500	ng		96
35) Caprolactam	12.141	113	3848	9.133	ng		98
36) 4-Chloro-3-methylphenol	12.487	107	11883	8.697	ng		94
37) 2-Methylnaphthalene	12.881	142	26995	9.353	ng		99
38) 1-Methylnaphthalene	13.092	142	23931	8.830	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.239	216	17327	9.429	ng		98
41) Hexachlorocyclopentadiene	13.216	237	10124	9.999	ng		99
43) 2,4,6-Trichlorophenol	13.468	196	10885	9.282	ng		89

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
Data File : BG056942.D
Acq On : 31 Mar 2023 13:26
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-10ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Quant Time: Apr 01 02:33:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	11129	8.011	ng		94
46) 1,1'-Biphenyl	13.868	154	36077	9.300	ng		98
47) 2-Chloronaphthalene	13.915	162	27735	9.667	ng		97
48) 2-Nitroaniline	14.103	65	9034	8.806	ng		92
49) Acenaphthylene	14.755	152	44460	9.431	ng		98
50) Dimethylphthalate	14.461	163	37235	8.917	ng	#	97
51) 2,6-Dinitrotoluene	14.584	165	7649	8.478	ng		91
52) Acenaphthene	15.090	154	31625	9.727	ng		95
53) 3-Nitroaniline	14.919	138	8009	8.969	ng		89
54) 2,4-Dinitrophenol	15.119	184	5137	10.116	ng	#	81
55) Dibenzofuran	15.419	168	45313	9.286	ng		96
56) 4-Nitrophenol	15.201	139	5842	8.847	ng	#	85
57) 2,4-Dinitrotoluene	15.366	165	11231	8.826	ng	#	99
58) Fluorene	16.065	166	38536	9.544	ng	#	95
59) 2,3,4,6-Tetrachlorophenol	15.636	232	11909	9.415	ng	#	96
60) Diethylphthalate	15.806	149	39286	9.385	ng		98
61) 4-Chlorophenyl-phenyle...	16.047	204	20582	8.682	ng		97
62) 4-Nitroaniline	16.071	138	8261	8.929	ng		94
63) Azobenzene	16.341	77	39145	9.383	ng		96
65) 4,6-Dinitro-2-methylph...	16.129	198	6428	8.093	ng		92
66) n-Nitrosodiphenylamine	16.259	169	32109	9.121	ng		96
67) 4-Bromophenyl-phenylether	16.946	248	15525	9.568	ng		88
68) Hexachlorobenzene	17.069	284	15716	9.797	ng		95
69) Atrazine	17.187	200	14525	9.940	ng		96
70) Pentachlorophenol	17.410	266	10446	9.076	ng		97
71) Phenanthrene	17.810	178	62577	9.359	ng		98
72) Anthracene	17.904	178	63932	9.327	ng		97
73) Carbazole	18.162	167	57004	9.539	ng		97
74) Di-n-butylphthalate	18.691	149	63820	9.223	ng		98
75) Fluoranthene	19.795	202	78474	9.259	ng		97
77) Benzidine	19.960	184	43709	12.966	ng		94
78) Pyrene	20.159	202	80226	9.405	ng		98
80) Butylbenzylphthalate	21.017	149	25027	8.526	ng		99
81) Benzo(a)anthracene	22.068	228	78192	9.162	ng		97
82) 3,3'-Dichlorobenzidine	21.963	252	30548	10.600	ng	#	89
83) Chrysene	22.139	228	74305	9.299	ng		98
84) Bis(2-ethylhexyl)phtha...	21.922	149	38412	9.037	ng		98
85) Di-n-octyl phthalate	23.243	149	65599	9.158	ng		99
87) Indeno(1,2,3-cd)pyrene	29.717	276	90977	9.175	ng		98
88) Benzo(b)fluoranthene	24.500	252	81476	9.711	ng		96
89) Benzo(k)fluoranthene	24.571	252	78812m	9.409	ng		
90) Benzo(a)pyrene	25.464	252	71549	8.678	ng	#	96
91) Dibenzo(a,h)anthracene	29.787	278	77669	9.529	ng		96
92) Benzo(g,h,i)perylene	31.003	276	72240	9.051	ng	#	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
Data File : BG056942.D
Acq On : 31 Mar 2023 13:26
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-10ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 01 02:33:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023