Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063156.D
Acq On : 4 Nov 2024 15:06
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 14:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.837	152	106231	20.000	ng		-0.01
21) Naphthalene-d8	10.628	136	423141	20.000	ng		# 0.00
39) Acenaphthene-d10	14.476	164	331484	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	832238	20.000	ng		0.00
76) Chrysene-d12	21.480	240	1063143	20.000	ng		0.00
86) Perylene-d12	24.511	264	1141865	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	552731	80.681	ng		0.00
7) Phenol-d6	7.008	99	804788	89.645	ng		-0.02
23) Nitrobenzene-d5	8.994	82	624368	64.176	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	510500	90.663	ng		0.00
45) 2-Fluorobiphenyl	13.095	172	1442437	64.450	ng		0.00
79) Terphenyl-d14	19.858	244	3311533	64.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.342	88	20208	7.507	ng		96
3) Pyridine	3.742	79	44601	6.864	ng		96
4) n-Nitrosodimethylamine	3.654	42	29471	7.301	ng	#	97
6) Aniline	7.167	93	85058	10.535	ng		90
8) 2-Chlorophenol	7.402	128	59832	9.404	ng		94
9) Benzaldehyde	6.973	77	61637	11.049	ng		91
10) Phenol	7.038	94	81083	8.431	ng		92
11) bis(2-Chloroethyl)ether	7.261	93	61143	9.426	ng		96
12) 1,3-Dichlorobenzene	7.731	146	65838	8.529	ng		99
13) 1,4-Dichlorobenzene	7.872	146	68363	8.688	ng		94
14) 1,2-Dichlorobenzene	8.189	146	62652	8.260	ng		99
15) Benzyl Alcohol	8.072	79	64857	8.991	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.354	45	114683	9.747	ng		97
17) 2-Methylphenol	8.283	107	52714	8.616	ng		93
18) Hexachloroethane	8.918	117	25186	8.944	ng		86
19) n-Nitroso-di-n-propyla...	8.642	70	55110	8.814	ng	#	94
20) 3+4-Methylphenols	8.607	107	72619	8.900	ng		90
22) Acetophenone	8.654	105	106942	9.432	ng	#	97
24) Nitrobenzene	9.035	77	87039	8.274	ng		97
25) Isophorone	9.553	82	152186	9.043	ng		99
26) 2-Nitrophenol	9.746	139	34060	8.803	ng	#	80
27) 2,4-Dimethylphenol	9.805	122	32412	6.814	ng		89
28) bis(2-Chloroethoxy)met...	10.040	93	80446	9.117	ng		96
29) 2,4-Dichlorophenol	10.281	162	59561	8.291	ng		85
30) 1,2,4-Trichlorobenzene	10.493	180	73976	8.372	ng		90
31) Naphthalene	10.675	128	201961	9.048	ng	#	94
32) Benzoic acid	9.929	122	33443m	8.068	ng		
33) 4-Chloroaniline	10.792	127	76471	10.152	ng	#	88
34) Hexachlorobutadiene	10.963	225	57938	7.967	ng		98
35) Caprolactam	11.533	113	21431	9.341	ng	#	61
36) 4-Chloro-3-methylphenol	11.920	107	64900	7.841	ng	#	92
37) 2-Methylnaphthalene	12.290	142	142983	9.030	ng		93
38) 1-Methylnaphthalene	12.508	142	133220	8.548	ng		95
40) 1,2,4,5-Tetrachloroben...	12.666	216	103187	8.663	ng		99
41) Hexachlorocyclopentadiene	12.643	237	24639	6.366	ng		82
43) 2,4,6-Trichlorophenol	12.902	196	61687	8.650	ng		86

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063156.D
Acq On : 4 Nov 2024 15:06
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 04 14:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	64472	8.222	ng		93
46) 1,1'-Biphenyl	13.307	154	207384	9.218	ng		99
47) 2-Chloronaphthalene	13.348	162	159936	8.488	ng		98
48) 2-Nitroaniline	13.554	65	54008	8.166	ng	#	75
49) Acenaphthylene	14.200	152	254091	9.552	ng		98
50) Dimethylphthalate	13.930	163	201843	8.544	ng	#	96
51) 2,6-Dinitrotoluene	14.053	165	39169	7.765	ng		88
52) Acenaphthene	14.541	154	136804	8.307	ng		93
53) 3-Nitroaniline	14.382	138	42537	8.882	ng	#	86
54) 2,4-Dinitrophenol	14.594	184	34509	11.217	ng	#	86
55) Dibenzofuran	14.876	168	261430	9.003	ng		95
56) 4-Nitrophenol	14.694	139	29895	8.245	ng	#	66
57) 2,4-Dinitrotoluene	14.846	165	60437	8.377	ng	#	91
58) Fluorene	15.528	166	204695	8.896	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	15.105	232	63891	8.491	ng		98
60) Diethylphthalate	15.299	149	211694	8.727	ng		97
61) 4-Chlorophenyl-phenyle...	15.522	204	122924	8.595	ng		97
62) 4-Nitroaniline	15.545	138	47074	8.909	ng		91
63) Azobenzene	15.816	77	225669	8.994	ng		94
65) 4,6-Dinitro-2-methylph...	15.610	198	38746	7.241	ng		91
66) n-Nitrosodiphenylamine	15.733	169	181524	8.743	ng		99
67) 4-Bromophenyl-phenylether	16.415	248	86905	8.521	ng		87
68) Hexachlorobenzene	16.538	284	101312	8.574	ng		97
69) Atrazine	16.685	200	84377	8.841	ng		90
70) Pentachlorophenol	16.885	266	34964	5.948	ng		93
71) Phenanthrene	17.267	178	373677	9.262	ng		96
72) Anthracene	17.361	178	362625	9.157	ng		98
73) Carbazole	17.631	167	336604	9.030	ng		96
74) Di-n-butylphthalate	18.195	149	384459	9.084	ng		99
75) Fluoranthene	19.288	202	526664	9.222	ng		95
77) Benzidine	19.470	184	153797	9.389	ng		96
78) Pyrene	19.652	202	550017	8.727	ng		97
80) Butylbenzylphthalate	20.551	149	173034	8.521	ng		91
81) Benzo(a)anthracene	21.462	228	604311	9.026	ng		98
82) 3,3'-Dichlorobenzidine	21.380	252	223980	9.023	ng		98
83) Chrysene	21.521	228	557607	8.866	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	248749	8.445	ng		99
85) Di-n-octyl phthalate	22.520	149	429177	8.708	ng		99
87) Indeno(1,2,3-cd)pyrene	27.925	276	695438	9.074	ng	#	74
88) Benzo(b)fluoranthene	23.554	252	580510	8.720	ng		97
89) Benzo(k)fluoranthene	23.613	252	604191m	9.513	ng		
90) Benzo(a)pyrene	24.370	252	538639	9.269	ng		100
91) Dibenzo(a,h)anthracene	27.978	278	575833	9.002	ng		97
92) Benzo(g,h,i)perylene	28.989	276	521397	8.246	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063156.D
Acq On : 4 Nov 2024 15:06
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 14:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024