Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063144.D
Acq On : 1 Nov 2024 12:21
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER 8 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 13:34:38 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)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.848	152	120735	20.000	ng		0.00
21) Naphthalene-d8	10.633	136	518673	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	408484	20.000	ng		0.00
64) Phenanthrene-d10	17.231	188	1041912	20.000	ng		0.00
76) Chrysene-d12	21.479	240	1408448	20.000	ng		0.00
86) Perylene-d12	24.516	264	1515155	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.433	112	911532	117.070	ng		0.00
7) Phenol-d6	7.019	99	1354190	132.721	ng		0.00
23) Nitrobenzene-d5	8.999	82	1094436	91.773	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	865872	124.789	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	2343890	84.987	ng		0.00
79) Terphenyl-d14	19.857	244	4581507	66.939	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	29012	9.483	ng		92
3) Pyridine	3.741	79	65427	8.859	ng		92
4) n-Nitrosodimethylamine	3.658	42	41397	9.024	ng		91
6) Aniline	7.172	93	100128	10.912	ng		99
8) 2-Chlorophenol	7.413	128	67587	9.347	ng		96
9) Benzaldehyde	6.990	77	78737	12.419	ng		94
10) Phenol	7.049	94	100298	9.176	ng		92
11) bis(2-Chloroethyl)ether	7.272	93	68293	9.264	ng		90
12) 1,3-Dichlorobenzene	7.730	146	72871	8.306	ng		94
13) 1,4-Dichlorobenzene	7.883	146	74288	8.307	ng		95
14) 1,2-Dichlorobenzene	8.194	146	75564	8.765	ng		93
15) Benzyl Alcohol	8.083	79	75700	9.233	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.359	45	126062	9.427	ng		98
17) 2-Methylphenol	8.288	107	59302	8.529	ng		96
18) Hexachloroethane	8.917	117	27913	8.721	ng		97
19) n-Nitroso-di-n-propyla...	8.641	70	63151	8.887	ng	#	95
20) 3+4-Methylphenols	8.611	107	81415	8.779	ng		93
22) Acetophenone	8.659	105	126569	9.107	ng		91
24) Nitrobenzene	9.040	77	103121	7.997	ng		100
25) Isophorone	9.557	82	182253	8.835	ng		98
26) 2-Nitrophenol	9.751	139	37441	7.895	ng		90
27) 2,4-Dimethylphenol	9.810	122	30571	5.243	ng		90
28) bis(2-Chloroethoxy)met...	10.045	93	92626	8.563	ng		97
29) 2,4-Dichlorophenol	10.286	162	71119	8.076	ng		96
30) 1,2,4-Trichlorobenzene	10.498	180	86711	8.006	ng		91
31) Naphthalene	10.686	128	227737	8.323	ng		98
32) Benzoic acid	9.928	122	19387m	3.816	ng		
33) 4-Chloroaniline	10.791	127	81921	8.872	ng		99
34) Hexachlorobutadiene	10.968	225	68488	7.683	ng		96
35) Caprolactam	11.532	113	22496	7.999	ng	#	78
36) 4-Chloro-3-methylphenol	11.919	107	79683	7.854	ng		95
37) 2-Methylnaphthalene	12.295	142	163365	8.417	ng		99
38) 1-Methylnaphthalene	12.513	142	153053m	8.011	ng		
40) 1,2,4,5-Tetrachloroben...	12.671	216	123313	8.401	ng		98
41) Hexachlorocyclopentadiene	12.648	237	16830	3.529	ng		88
43) 2,4,6-Trichlorophenol	12.906	196	67302	7.658	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063144.D
Acq On : 1 Nov 2024 12:21
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER 8 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 13:34:38 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	12.983	196	80015	8.281	ng		98
46) 1,1'-Biphenyl	13.306	154	239330	8.632	ng		97
47) 2-Chloronaphthalene	13.353	162	182075	7.842	ng		94
48) 2-Nitroaniline	13.553	65	61932	7.599	ng		87
49) Acenaphthylene	14.199	152	284258	8.672	ng		96
50) Dimethylphthalate	13.935	163	242733	8.338	ng		99
51) 2,6-Dinitrotoluene	14.052	165	48236	7.760	ng		95
52) Acenaphthene	14.540	154	168220	8.289	ng		94
53) 3-Nitroaniline	14.387	138	52668	8.925	ng	#	83
54) 2,4-Dinitrophenol	14.599	184	19623	5.176	ng	#	75
55) Dibenzofuran	14.881	168	306329	8.561	ng		98
56) 4-Nitrophenol	14.704	139	32758	7.332	ng		89
57) 2,4-Dinitrotoluene	14.845	165	68265	7.679	ng		95
58) Fluorene	15.527	166	236181	8.329	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.104	232	70114	7.561	ng		94
60) Diethylphthalate	15.298	149	244973	8.195	ng		98
61) 4-Chlorophenyl-phenyle...	15.521	204	144030	8.172	ng		95
62) 4-Nitroaniline	15.545	138	50983	7.830	ng		94
63) Azobenzene	15.815	77	260723	8.432	ng		98
65) 4,6-Dinitro-2-methylph...	15.609	198	47092	7.030	ng		89
66) n-Nitrosodiphenylamine	15.738	169	210888	8.113	ng		90
67) 4-Bromophenyl-phenylether	16.420	248	103486	8.105	ng	#	90
68) Hexachlorobenzene	16.538	284	121171	8.191	ng		95
69) Atrazine	16.684	200	99894	8.360	ng		96
70) Pentachlorophenol	16.884	266	42918	5.831	ng		90
71) Phenanthrene	17.272	178	430879	8.531	ng		99
72) Anthracene	17.360	178	408782	8.246	ng		99
73) Carbazole	17.630	167	403503	8.646	ng		99
74) Di-n-butylphthalate	18.194	149	456924	8.624	ng		98
75) Fluoranthene	19.287	202	650428	9.097	ng		98
77) Benzidine	19.469	184	196714	9.065	ng		97
78) Pyrene	19.651	202	674727	8.081	ng		97
80) Butylbenzylphthalate	20.550	149	221853	8.247	ng		92
81) Benzo(a)anthracene	21.461	228	758603	8.553	ng		95
82) 3,3'-Dichlorobenzidine	21.385	252	279754	8.507	ng		96
83) Chrysene	21.526	228	726493	8.720	ng		98
84) Bis(2-ethylhexyl)phtha...	21.379	149	330386	8.466	ng		97
85) Di-n-octyl phthalate	22.525	149	545686	8.358	ng		100
87) Indeno(1,2,3-cd)pyrene	27.930	276	884446	8.697	ng		99
88) Benzo(b)fluoranthene	23.559	252	764390	8.653	ng		97
89) Benzo(k)fluoranthene	23.617	252	734027	8.710	ng		97
90) Benzo(a)pyrene	24.369	252	692712	8.984	ng		99
91) Dibenzo(a,h)anthracene	27.983	278	747841	8.810	ng		96
92) Benzo(g,h,i)perylene	28.988	276	690918	8.235	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
Data File : BG063144.D
Acq On : 1 Nov 2024 12:21
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER 8 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 01 13:34:38 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 :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024