Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048533.D
Acq On : 31 Mar 2021 18:40
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WTR-10PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:50 AM

Quant Time: Apr 01 02:00:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.100	152	18607	20.00	ng		0.00
21) Naphthalene-d8	10.926	136	79891	20.00	ng		# 0.00
39) Acenaphthene-d10	14.751	164	57860	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	137644	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	136556	20.00	ng		# 0.00
86) Perylene-d12	25.133	264	135787	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.644	112	107383	101.89	ng		0.00
7) Phenol-d6	7.242	99	142280	93.09	ng		0.00
23) Nitrobenzene-d5	9.269	82	122894	74.48	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	69471	91.34	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	304864	78.31	ng		0.00
79) Terphenyl-d14	20.109	244	555148	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	4771	11.25	ng	#	85
3) Pyridine	3.928	79	12388	11.65	ng	#	90
4) n-Nitrosodimethylamine	3.834	42	8012	11.54	ng	#	65
6) Aniline	7.418	93	21385	12.18	ng	#	89
8) 2-Chlorophenol	7.659	128	12873	10.81	ng		95
9) Benzaldehyde	7.224	77	12345	12.64	ng		94
10) Phenol	7.277	94	15719	10.27	ng		96
11) bis(2-Chloroethyl)ether	7.506	93	12713	11.97	ng		98
12) 1,3-Dichlorobenzene	7.988	146	15574	11.61	ng		96
13) 1,4-Dichlorobenzene	8.135	146	15079	11.15	ng		91
14) 1,2-Dichlorobenzene	8.452	146	15348	11.85	ng		95
15) Benzyl Alcohol	8.335	79	13620	10.88	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	11075	10.81	ng		92
17) 2-Methylphenol	8.534	107	11070	11.18	ng		90
18) Hexachloroethane	9.187	117	5836	11.61	ng	#	73
19) n-Nitroso-di-n-propyla...	8.904	70	10893	10.34	ng	#	88
20) 3+4-Methylphenols	8.863	107	14105	10.26	ng		93
22) Acetophenone	8.916	105	22855	11.10	ng	#	94
24) Nitrobenzene	9.310	77	17739	10.95	ng	#	86
25) Isophorone	9.827	82	32551	10.68	ng		96
26) 2-Nitrophenol	10.027	139	7602	10.22	ng		91
27) 2,4-Dimethylphenol	10.074	122	12787	10.92	ng		95
28) bis(2-Chloroethoxy)met...	10.315	93	16855	12.07	ng		98
29) 2,4-Dichlorophenol	10.561	162	13252	10.00	ng		92
30) 1,2,4-Trichlorobenzene	10.785	180	17057	11.20	ng		96
31) Naphthalene	10.973	128	43424	10.57	ng		99
32) Benzoic acid	10.150	122	6260m	6.95	ng		
33) 4-Chloroaniline	11.078	127	18339	10.58	ng	#	90
34) Hexachlorobutadiene	11.261	225	11550	10.38	ng		91
35) Caprolactam	11.825	113	4975	10.29	ng	#	84
36) 4-Chloro-3-methylphenol	12.195	107	15246	10.24	ng	#	95
37) 2-Methylnaphthalene	12.577	142	34453	10.54	ng		90
38) 1-Methylnaphthalene	12.794	142	31449	10.08	ng		92
40) 1,2,4,5-Tetrachloroben...	12.941	216	18574	10.36	ng		92
41) Hexachlorocyclopentadiene	12.923	237	11978	11.53	ng		95
43) 2,4,6-Trichlorophenol	13.176	196	12188	9.89	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048533.D
Acq On : 31 Mar 2021 18:40
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WTR-10PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:50 AM

Quant Time: Apr 01 02:00:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	13051	9.89	ng	#	89
46) 1,1'-Biphenyl	13.581	154	45019	10.65	ng		94
47) 2-Chloronaphthalene	13.622	162	32946	10.23	ng		92
48) 2-Nitroaniline	13.822	65	11182	10.92	ng		90
49) Acenaphthylene	14.469	152	54347	10.76	ng	#	95
50) Dimethylphthalate	14.192	163	46343	10.79	ng	#	97
51) 2,6-Dinitrotoluene	14.310	165	9632	9.80	ng	#	89
52) Acenaphthene	14.815	154	38495	10.54	ng		96
53) 3-Nitroaniline	14.645	138	10374	10.77	ng	#	76
54) 2,4-Dinitrophenol	14.845	184	4998	9.05	ng		93
55) Dibenzofuran	15.144	168	56953	10.68	ng		91
56) 4-Nitrophenol	14.944	139	8349	10.74	ng	#	71
57) 2,4-Dinitrotoluene	15.097	165	15291	11.00	ng	#	91
58) Fluorene	15.796	166	47852	10.72	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.362	232	12704	9.87	ng		97
60) Diethylphthalate	15.556	149	48626	11.02	ng		94
61) 4-Chlorophenyl-phenyle...	15.785	204	25123	10.46	ng		93
62) 4-Nitroaniline	15.802	138	10131	10.05	ng	#	83
63) Azobenzene	16.078	77	45091	10.39	ng		94
65) 4,6-Dinitro-2-methylph...	15.861	198	8227	9.95	ng		86
66) n-Nitrosodiphenylamine	15.996	169	41385	10.57	ng		98
67) 4-Bromophenyl-phenylether	16.684	248	17204	11.28	ng		95
68) Hexachlorobenzene	16.801	284	18005	11.30	ng	#	89
69) Atrazine	16.942	200	16111	10.09	ng		98
70) Pentachlorophenol	17.148	266	8946	9.03	ng		98
71) Phenanthrene	17.541	178	76670	10.73	ng		99
72) Anthracene	17.635	178	80219	11.27	ng		99
73) Carbazole	17.900	167	72251	10.70	ng	#	90
74) Di-n-butylphthalate	18.458	149	83771	11.10	ng		98
75) Fluoranthene	19.551	202	99211	11.20	ng		99
77) Benzidine	19.727	184	45938	9.93	ng		99
78) Pyrene	19.915	202	101297	10.79	ng		99
80) Butylbenzylphthalate	20.796	149	36364	10.43	ng		94
81) Benzo(a)anthracene	21.778	228	98909	10.84	ng		95
82) 3,3'-Dichlorobenzidine	21.684	252	38856	12.40	ng		95
83) Chrysene	21.842	228	90475	10.39	ng		96
84) Bis(2-ethylhexyl)phtha...	21.672	149	51949	10.69	ng	#	99
85) Di-n-octyl phthalate	22.929	149	90820	10.72	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.957	276	106345	11.17	ng	#	93
88) Benzo(b)fluoranthene	24.063	252	97363m	11.04	ng		
89) Benzo(k)fluoranthene	24.134	252	94581m	11.15	ng		
90) Benzo(a)pyrene	24.980	252	86798	10.68	ng		95
91) Dibenzo(a,h)anthracene	29.028	278	88093	10.84	ng		97
92) Benzo(g,h,i)perylene	30.144	276	86911	10.92	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048533.D
Acq On : 31 Mar 2021 18:40
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WTR-10PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:50 AM

Quant Time: Apr 01 02:00:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration