Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049410.D
Acq On : 22 Jul 2021 16:10
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER 10ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:38 AM

Quant Time: Jul 22 17:08:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 17:07:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	26324	20.00	ng		0.00
21) Naphthalene-d8	10.873	136	103202	20.00	ng		# 0.00
39) Acenaphthene-d10	14.704	164	68888	20.00	ng		0.00
64) Phenanthrene-d10	17.453	188	152236	20.00	ng		# 0.00
76) Chrysene-d12	21.729	240	157744	20.00	ng		# 0.00
86) Perylene-d12	25.007	264	163836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	169229	109.07	ng		0.00
7) Phenol-d6	7.208	99	246069	108.90	ng		0.00
23) Nitrobenzene-d5	9.223	82	169860	73.74	ng		0.00
42) 2,4,6-Tribromophenol	16.190	330	104584	113.37	ng		0.00
45) 2-Fluorobiphenyl	13.323	172	349836	73.07	ng		0.00
79) Terphenyl-d14	20.061	244	580123	71.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.472	88	6979	9.93	ng		91
3) Pyridine	3.895	79	16017	8.94	ng		87
4) n-Nitrosodimethylamine	3.807	42	10112m	11.50	ng		
6) Aniline	7.372	93	30665	12.55	ng		94
8) 2-Chlorophenol	7.619	128	16919	10.63	ng		92
9) Benzaldehyde	7.184	77	19471m	12.97	ng		
10) Phenol	7.237	94	24364	11.32	ng		90
11) bis(2-Chloroethyl)ether	7.466	93	16853	11.43	ng		86
12) 1,3-Dichlorobenzene	7.942	146	20661	10.98	ng		94
13) 1,4-Dichlorobenzene	8.089	146	22152	11.83	ng		95
14) 1,2-Dichlorobenzene	8.406	146	19606	10.83	ng		94
15) Benzyl Alcohol	8.289	79	20256	10.97	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.588	45	19031	11.05	ng		100
17) 2-Methylphenol	8.494	107	15923	11.11	ng		94
18) Hexachloroethane	9.140	117	8184	11.24	ng		94
19) n-Nitroso-di-n-propyla...	8.859	70	16047	10.81	ng	#	80
20) 3+4-Methylphenols	8.823	107	21425	10.91	ng		93
22) Acetophenone	8.876	105	31207	11.29	ng	#	94
24) Nitrobenzene	9.264	77	27183	11.24	ng		97
25) Isophorone	9.787	82	43709	10.71	ng		96
26) 2-Nitrophenol	9.981	139	9183	10.46	ng		94
27) 2,4-Dimethylphenol	10.033	122	16777	11.95	ng		91
28) bis(2-Chloroethoxy)met...	10.274	93	22403	12.30	ng	#	92
29) 2,4-Dichlorophenol	10.521	162	17167	10.55	ng		95
30) 1,2,4-Trichlorobenzene	10.738	180	20800	11.31	ng	#	83
31) Naphthalene	10.926	128	58948	10.83	ng	#	94
32) Benzoic acid	10.127	122	6100m	6.61	ng		
33) 4-Chloroaniline	11.032	127	24029	11.57	ng		94
34) Hexachlorobutadiene	11.208	225	14326	10.87	ng	#	87
35) Caprolactam	11.784	113	5408	10.70	ng		91
36) 4-Chloro-3-methylphenol	12.148	107	21134	11.01	ng	#	82
37) 2-Methylnaphthalene	12.524	142	43842	11.04	ng		98
38) 1-Methylnaphthalene	12.747	142	40137	10.57	ng	#	81
40) 1,2,4,5-Tetrachloroben...	12.894	216	23350	11.46	ng		98
41) Hexachlorocyclopentadiene	12.871	237	11605	12.76	ng		95
43) 2,4,6-Trichlorophenol	13.135	196	13855m	10.43	ng		

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049410.D
Acq On : 22 Jul 2021 16:10
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER 10ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:38 AM

Quant Time: Jul 22 17:08:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 17:07:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	15830	11.01	ng	#	83
46) 1,1'-Biphenyl	13.535	154	58469	11.58	ng		96
47) 2-Chloronaphthalene	13.576	162	42828	11.04	ng		97
48) 2-Nitroaniline	13.775	65	14383	10.65	ng	#	91
49) Acenaphthylene	14.422	152	68994	10.97	ng		94
50) Dimethylphthalate	14.145	163	56896	11.37	ng	#	97
51) 2,6-Dinitrotoluene	14.269	165	10875	10.01	ng		92
52) Acenaphthene	14.768	154	40285	10.61	ng		96
53) 3-Nitroaniline	14.604	138	11686	10.73	ng	#	90
54) 2,4-Dinitrophenol	14.815	184	5196	11.36	ng		95
55) Dibenzofuran	15.097	168	64355	10.57	ng		99
56) 4-Nitrophenol	14.909	139	8207	9.55	ng	#	78
57) 2,4-Dinitrotoluene	15.056	165	15588	10.38	ng	#	78
58) Fluorene	15.749	166	52772	10.69	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.326	232	13523	10.29	ng	#	98
60) Diethylphthalate	15.508	149	57449	11.43	ng		96
61) 4-Chlorophenyl-phenyle...	15.737	204	27906	11.12	ng		90
62) 4-Nitroaniline	15.761	138	11258	9.82	ng		90
63) Azobenzene	16.031	77	58379	10.49	ng		87
65) 4,6-Dinitro-2-methylph...	15.820	198	6332	7.68	ng		93
66) n-Nitrosodiphenylamine	15.949	169	44442	10.16	ng		96
67) 4-Bromophenyl-phenylether	16.636	248	18310	10.62	ng		97
68) Hexachlorobenzene	16.754	284	20169	10.33	ng		92
69) Atrazine	16.901	200	19324	11.15	ng		90
70) Pentachlorophenol	17.106	266	6941	7.91	ng		100
71) Phenanthrene	17.494	178	85301	10.42	ng		99
72) Anthracene	17.582	178	85870	10.68	ng		99
73) Carbazole	17.852	167	77143	10.08	ng		98
74) Di-n-butylphthalate	18.404	149	93641	10.73	ng		97
75) Fluoranthene	19.503	202	106388	10.44	ng		96
77) Benzidine	19.679	184	55679	12.75	ng	#	95
78) Pyrene	19.861	202	107361	10.37	ng		97
80) Butylbenzylphthalate	20.742	149	42578	11.31	ng	#	97
81) Benzo(a)anthracene	21.712	228	104440	10.45	ng		97
82) 3,3'-Dichlorobenzidine	21.624	252	41049	14.24	ng		100
83) Chrysene	21.776	228	101678	10.55	ng		98
84) Bis(2-ethylhexyl)phtha...	21.612	149	59856	10.60	ng		95
85) Di-n-octyl phthalate	22.840	149	103419	10.61	ng		100
87) Indeno(1,2,3-cd)pyrene	28.743	276	129511	11.17	ng	#	91
88) Benzo(b)fluoranthene	23.962	252	111973	10.61	ng		98
89) Benzo(k)fluoranthene	24.032	252	111253m	11.33	ng		
90) Benzo(a)pyrene	24.855	252	111627	11.67	ng	#	99
91) Dibenzo(a,h)anthracene	28.826	278	108047	11.09	ng	#	90
92) Benzo(g,h,i)perylene	29.930	276	106973	11.10	ng	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049410.D
Acq On : 22 Jul 2021 16:10
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER 10ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 17:08:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 17:07:52 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:38 AM