Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049417.D
Acq On : 22 Jul 2021 23:00
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER- 5PPM
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:49 AM

Quant Time: Jul 23 04:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 04:31:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.052	152	25527	20.00	ng		# 0.00
21) Naphthalene-d8	10.872	136	100239	20.00	ng		# 0.00
39) Acenaphthene-d10	14.696	164	66922	20.00	ng		-0.01
64) Phenanthrene-d10	17.445	188	143172	20.00	ng		# 0.00
76) Chrysene-d12	21.728	240	156897	20.00	ng		# 0.00
86) Perylene-d12	25.005	264	163350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.596	112	167745	111.49	ng		0.00
7) Phenol-d6	7.206	99	238633	108.90	ng		0.00
23) Nitrobenzene-d5	9.221	82	159966	71.50	ng		0.00
42) 2,4,6-Tribromophenol	16.188	330	100680	112.34	ng		0.00
45) 2-Fluorobiphenyl	13.321	172	322947	69.44	ng		0.00
79) Terphenyl-d14	20.059	244	561501	69.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.476	88	3034	4.45	ng	#	81
3) Pyridine	3.899	79	7267	4.18	ng	#	88
4) n-Nitrosodimethylamine	3.811	42	4248m	4.98	ng		
6) Aniline	7.370	93	12893	5.44	ng	#	92
8) 2-Chlorophenol	7.611	128	7028	4.56	ng	#	70
9) Benzaldehyde	7.188	77	9389	6.45	ng	#	83
10) Phenol	7.235	94	10218	4.90	ng		84
11) bis(2-Chloroethyl)ether	7.464	93	7196	5.03	ng		94
12) 1,3-Dichlorobenzene	7.940	146	9390	5.15	ng		90
13) 1,4-Dichlorobenzene	8.087	146	9801	5.40	ng		92
14) 1,2-Dichlorobenzene	8.404	146	8725	4.97	ng		99
15) Benzyl Alcohol	8.299	79	8650	4.83	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.575	45	8260	4.95	ng		96
17) 2-Methylphenol	8.492	107	6966	5.01	ng	#	95
18) Hexachloroethane	9.145	117	3501	4.96	ng	#	82
19) n-Nitroso-di-n-propyla...	8.857	70	6649	4.62	ng	#	88
20) 3+4-Methylphenols	8.816	107	9921	5.21	ng	#	83
22) Acetophenone	8.874	105	13776	5.13	ng	#	92
24) Nitrobenzene	9.262	77	12365	5.26	ng		100
25) Isophorone	9.785	82	19380	4.89	ng		96
26) 2-Nitrophenol	9.979	139	3948	4.63	ng		92
27) 2,4-Dimethylphenol	10.032	122	7228	5.30	ng	#	79
28) bis(2-Chloroethoxy)met...	10.267	93	9433	5.33	ng	#	86
29) 2,4-Dichlorophenol	10.513	162	7564	4.78	ng		93
30) 1,2,4-Trichlorobenzene	10.731	180	8858	4.96	ng	#	82
31) Naphthalene	10.925	128	25075	4.74	ng	#	95
32) Benzoic acid	10.155	122	872	0.97	ng	#	61
33) 4-Chloroaniline	11.030	127	9542	4.73	ng	#	89
34) Hexachlorobutadiene	11.206	225	6801	5.31	ng		98
35) Caprolactam	11.800	113	1780	3.63	ng		92
36) 4-Chloro-3-methylphenol	12.152	107	8637	4.63	ng		95
37) 2-Methylnaphthalene	12.528	142	18828	4.88	ng		92
38) 1-Methylnaphthalene	12.746	142	17577	4.76	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.892	216	10154	5.13	ng		94
41) Hexachlorocyclopentadiene	12.875	237	4664	5.28	ng		78
43) 2,4,6-Trichlorophenol	13.127	196	6516	5.05	ng	#	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049417.D
Acq On : 22 Jul 2021 23:00
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER- 5PPM
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:49 AM

Quant Time: Jul 23 04:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 04:31:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.210	196	6333	4.54	ng	#	77
46) 1,1'-Biphenyl	13.533	154	24408	4.97	ng		95
47) 2-Chloronaphthalene	13.574	162	18248	4.84	ng		95
48) 2-Nitroaniline	13.774	65	6325	4.82	ng	#	82
49) Acenaphthylene	14.420	152	29712	4.86	ng		92
50) Dimethylphthalate	14.144	163	23352	4.80	ng	#	92
51) 2,6-Dinitrotoluene	14.267	165	5390	5.11	ng	#	78
52) Acenaphthene	14.760	154	18056	4.90	ng		94
53) 3-Nitroaniline	14.602	138	4545	4.29	ng		89
54) 2,4-Dinitrophenol	14.813	184	523	1.18	ng	#	48
55) Dibenzofuran	15.095	168	27699	4.68	ng		98
56) 4-Nitrophenol	14.919	139	2864	3.43	ng	#	55
57) 2,4-Dinitrotoluene	15.048	165	6104	4.18	ng	#	87
58) Fluorene	15.747	166	23901	4.98	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.324	232	5312	4.16	ng	#	93
60) Diethylphthalate	15.507	149	24464	5.01	ng		93
61) 4-Chlorophenyl-phenyle...	15.742	204	11789	4.83	ng	#	92
62) 4-Nitroaniline	15.765	138	4724	4.24	ng	#	74
63) Azobenzene	16.029	77	25712	4.75	ng		95
65) 4,6-Dinitro-2-methylph...	15.824	198	2727	3.52	ng		85
66) n-Nitrosodiphenylamine	15.947	169	18823	4.58	ng		96
67) 4-Bromophenyl-phenylether	16.634	248	8319	5.13	ng	#	90
68) Hexachlorobenzene	16.752	284	9096	4.95	ng		97
69) Atrazine	16.893	200	8129	4.99	ng		93
70) Pentachlorophenol	17.098	266	2245	2.72	ng	#	71
71) Phenanthrene	17.492	178	37898m	4.92	ng		
72) Anthracene	17.580	178	36841	4.87	ng		94
73) Carbazole	17.850	167	32541	4.52	ng		95
74) Di-n-butylphthalate	18.403	149	41335	5.04	ng		99
75) Fluoranthene	19.501	202	45015	4.70	ng		97
77) Benzidine	19.677	184	21570	4.97	ng	#	91
78) Pyrene	19.859	202	48202	4.68	ng		98
80) Butylbenzylphthalate	20.741	149	17424	4.65	ng		97
81) Benzo(a)anthracene	21.704	228	46446	4.67	ng		97
82) 3,3'-Dichlorobenzidine	21.622	252	18563	6.47	ng		100
83) Chrysene	21.775	228	46720	4.87	ng		97
84) Bis(2-ethylhexyl)phtha...	21.610	149	26827	4.78	ng		95
85) Di-n-octyl phthalate	22.838	149	44343	4.57	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.736	276	55957	4.84	ng	#	91
88) Benzo(b)fluoranthene	23.960	252	49183m	4.67	ng		
89) Benzo(k)fluoranthene	24.024	252	49435	5.05	ng		98
90) Benzo(a)pyrene	24.841	252	47591	4.99	ng	#	90
91) Dibenzo(a,h)anthracene	28.800	278	47832	4.93	ng	#	96
92) Benzo(g,h,i)perylene	29.916	276	47452	4.94	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049417.D
Acq On : 22 Jul 2021 23:00
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER- 5PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 04:33:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 04:31:54 2021
Response via : Initial Calibration

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

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:49 AM