Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049411.D
Acq On : 22 Jul 2021 16:51
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:41 AM

Quant Time: Jul 22 17:30:23 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 14:51:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152	23545	20.00	ng		0.00
21) Naphthalene-d8	10.868	136	90994	20.00	ng		# 0.00
39) Acenaphthene-d10	14.699	164	62723	20.00	ng		0.00
64) Phenanthrene-d10	17.448	188	138516	20.00	ng		# 0.00
76) Chrysene-d12	21.730	240	146085	20.00	ng		0.00
86) Perylene-d12	25.008	264	153804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	150297	108.30	ng		0.00
7) Phenol-d6	7.203	99	221660	109.67	ng		0.00
23) Nitrobenzene-d5	9.218	82	128533	63.29	ng		0.00
42) 2,4,6-Tribromophenol	16.191	330	97921	116.58	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	273162	62.67	ng		0.00
79) Terphenyl-d14	20.056	244	458479	61.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.484	88	2641	4.20	ng	#	85
3) Pyridine	3.907	79	4616m	2.88	ng		
4) n-Nitrosodimethylamine	3.819	42	2675	3.40	ng	#	58
6) Aniline	7.373	93	9375	4.29	ng		91
8) 2-Chlorophenol	7.608	128	5645	3.97	ng	#	63
9) Benzaldehyde	7.185	77	6331	4.72	ng		90
10) Phenol	7.232	94	8131	4.22	ng		88
11) bis(2-Chloroethyl)ether	7.467	93	5266	3.99	ng		95
12) 1,3-Dichlorobenzene	7.937	146	6149	3.65	ng		93
13) 1,4-Dichlorobenzene	8.090	146	6625m	3.95	ng		
14) 1,2-Dichlorobenzene	8.401	146	6530m	4.03	ng		
15) Benzyl Alcohol	8.295	79	6381	3.86	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.572	45	6430	4.17	ng		83
17) 2-Methylphenol	8.489	107	4942	3.86	ng	#	88
18) Hexachloroethane	9.141	117	2767	4.25	ng	#	78
19) n-Nitroso-di-n-propyla...	8.859	70	5244	3.95	ng	#	80
20) 3+4-Methylphenols	8.818	107	6537	3.72	ng		90
22) Acetophenone	8.883	105	10953	4.50	ng	#	97
24) Nitrobenzene	9.265	77	8138	3.82	ng		94
25) Isophorone	9.782	82	13503	3.75	ng		96
26) 2-Nitrophenol	9.987	139	3006	3.88	ng	#	86
27) 2,4-Dimethylphenol	10.028	122	5114	4.13	ng	#	88
28) bis(2-Chloroethoxy)met...	10.275	93	6716	4.18	ng		96
29) 2,4-Dichlorophenol	10.528	162	5071	3.53	ng	#	75
30) 1,2,4-Trichlorobenzene	10.733	180	6203	3.83	ng		98
31) Naphthalene	10.921	128	18395	3.83	ng		98
32) Benzoic acid	10.181	122	573m	0.70	ng		
33) 4-Chloroaniline	11.033	127	7164	3.91	ng	#	84
34) Hexachlorobutadiene	11.203	225	4377	3.77	ng		91
35) Caprolactam	11.785	113	1195m	2.68	ng		
36) 4-Chloro-3-methylphenol	12.155	107	6088	3.60	ng	#	90
37) 2-Methylnaphthalene	12.525	142	13736	3.92	ng		95
38) 1-Methylnaphthalene	12.742	142	12854m	3.84	ng		
40) 1,2,4,5-Tetrachloroben...	12.895	216	7797	4.20	ng		95
41) Hexachlorocyclopentadiene	12.872	237	2671	3.23	ng		89
43) 2,4,6-Trichlorophenol	13.130	196	4127	3.41	ng		90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049411.D
Acq On : 22 Jul 2021 16:51
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:41 AM

Quant Time: Jul 22 17:30:23 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 14:51:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	4568	3.49	ng		85
46) 1,1'-Biphenyl	13.530	154	18987	4.13	ng		96
47) 2-Chloronaphthalene	13.577	162	13791	3.90	ng		92
48) 2-Nitroaniline	13.776	65	4512	3.67	ng		99
49) Acenaphthylene	14.422	152	22850	3.99	ng	#	88
50) Dimethylphthalate	14.146	163	18429	4.04	ng	#	97
51) 2,6-Dinitrotoluene	14.264	165	3666	3.71	ng	#	77
52) Acenaphthene	14.763	154	13058	3.78	ng		98
53) 3-Nitroaniline	14.605	138	3265	3.29	ng		88
54) 2,4-Dinitrophenol	14.816	184	154	0.37	ng		88
55) Dibenzofuran	15.098	168	21164	3.82	ng	#	96
56) 4-Nitrophenol	14.910	139	2149	2.75	ng	#	66
57) 2,4-Dinitrotoluene	15.051	165	4891	3.58	ng	#	91
58) Fluorene	15.744	166	17532	3.90	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.321	232	4239	3.54	ng		97
60) Diethylphthalate	15.503	149	18149	3.97	ng	#	90
61) 4-Chlorophenyl-phenyle...	15.738	204	8867	3.88	ng		94
62) 4-Nitroaniline	15.762	138	3747	3.59	ng	#	68
63) Azobenzene	16.032	77	20485	4.04	ng		85
65) 4,6-Dinitro-2-methylph...	15.826	198	1871	2.49	ng		92
66) n-Nitrosodiphenylamine	15.950	169	14172	3.56	ng		89
67) 4-Bromophenyl-phenylether	16.631	248	6302	4.02	ng		86
68) Hexachlorobenzene	16.755	284	6701	3.77	ng		95
69) Atrazine	16.890	200	6387	4.05	ng		93
70) Pentachlorophenol	17.107	266	893	1.12	ng	#	80
71) Phenanthrene	17.489	178	27740	3.73	ng		95
72) Anthracene	17.583	178	29273	4.00	ng		95
73) Carbazole	17.853	167	25460	3.66	ng		98
74) Di-n-butylphthalate	18.405	149	29625	3.73	ng		98
75) Fluoranthene	19.498	202	35232	3.80	ng		96
77) Benzidine	19.680	184	16313m	4.03	ng		
78) Pyrene	19.862	202	36233	3.78	ng		95
80) Butylbenzylphthalate	20.743	149	12682	3.64	ng		95
81) Benzo(a)anthracene	21.713	228	34275	3.70	ng		97
82) 3,3'-Dichlorobenzidine	21.624	252	13660	5.12	ng	#	99
83) Chrysene	21.771	228	32843	3.68	ng		92
84) Bis(2-ethylhexyl)phtha...	21.607	149	19263	3.68	ng		91
85) Di-n-octyl phthalate	22.835	149	32217	3.57	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.733	276	41203	3.78	ng	#	57
88) Benzo(b)fluoranthene	23.957	252	34921	3.52	ng	#	82
89) Benzo(k)fluoranthene	24.021	252	36566	3.97	ng	#	97
90) Benzo(a)pyrene	24.850	252	34336	3.82	ng		99
91) Dibenzo(a,h)anthracene	28.815	278	35092m	3.84	ng		
92) Benzo(g,h,i)perylene	29.919	276	36059	3.99	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049411.D
Acq On : 22 Jul 2021 16:51
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 22 17:30:23 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 14:51:57 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:41 AM