Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057446.D
Acq On : 17 May 2023 14:51
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 01:57:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/18/2023
Supervised By :Jagrut Upadhyay
05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	16722	20.000	ng		0.00
21) Naphthalene-d8	11.204	136	68604	20.000	ng		0.00
39) Acenaphthene-d10	14.981	164	55399	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	141419	20.000	ng		0.00
76) Chrysene-d12	22.031	240	130115	20.000	ng		0.00
86) Perylene-d12	25.544	264	140065	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	103183	105.553	ng		0.00
7) Phenol-d6	7.503	99	157316	105.977	ng		0.00
23) Nitrobenzene-d5	9.542	82	119376	73.032	ng		0.00
42) 2,4,6-Tribromophenol	16.462	330	90655	115.329	ng		0.00
45) 2-Fluorobiphenyl	13.607	172	316588	76.965	ng		0.00
79) Terphenyl-d14	20.292	244	587628	73.701	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	3941	9.750	ng		95
3) Pyridine	4.114	79	10022m	7.716	ng		
4) n-Nitrosodimethylamine	4.014	42	4838	7.926	ng		99
6) Aniline	7.674	93	16970	9.012	ng	#	91
8) 2-Chlorophenol	7.926	128	9741	9.430	ng		98
9) Benzaldehyde	7.486	77	10376	7.510	ng		96
10) Phenol	7.527	94	13120	9.067	ng		96
11) bis(2-Chloroethyl)ether	7.762	93	9810	8.990	ng		98
12) 1,3-Dichlorobenzene	8.249	146	11258	9.875	ng		97
13) 1,4-Dichlorobenzene	8.402	146	11376	9.934	ng		96
14) 1,2-Dichlorobenzene	8.725	146	10864	9.827	ng		98
15) Benzyl Alcohol	8.602	79	9890	7.997	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.884	45	11812	8.589	ng		95
17) 2-Methylphenol	8.802	107	9442	9.052	ng		98
18) Hexachloroethane	9.459	117	3996	9.670	ng		96
19) n-Nitroso-di-n-propyla...	9.160	70	9219	8.145	ng	#	91
20) 3+4-Methylphenols	9.131	107	12452	8.718	ng		92
22) Acetophenone	9.195	105	17655	8.991	ng	#	94
24) Nitrobenzene	9.583	77	15092	9.148	ng	#	97
25) Isophorone	10.100	82	25324	7.990	ng		97
26) 2-Nitrophenol	10.305	139	5876	9.305	ng		100
27) 2,4-Dimethylphenol	10.347	122	9902	8.955	ng		94
28) bis(2-Chloroethoxy)met...	10.576	93	13707	8.632	ng		95
29) 2,4-Dichlorophenol	10.852	162	11295	9.631	ng		94
30) 1,2,4-Trichlorobenzene	11.057	180	12813	9.472	ng		98
31) Naphthalene	11.251	128	33198	9.052	ng		99
32) Benzoic acid	10.529	122	2188m	7.811	ng		
33) 4-Chloroaniline	11.357	127	14031	8.519	ng		97
34) Hexachlorobutadiene	11.521	225	9034	9.000	ng		93
35) Caprolactam	12.103	113	3714	9.271	ng	#	91
36) 4-Chloro-3-methylphenol	12.455	107	12735	9.555	ng		99
37) 2-Methylnaphthalene	12.831	142	25483	8.837	ng		96
38) 1-Methylnaphthalene	13.049	142	25096	9.233	ng		99
40) 1,2,4,5-Tetrachloroben...	13.190	216	19178	9.751	ng		98
41) Hexachlorocyclopentadiene	13.166	237	3056	9.273	ng		96
43) 2,4,6-Trichlorophenol	13.431	196	10860	9.064	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	12260	8.699	ng	#	96
46) 1,1'-Biphenyl	13.812	154	39159	9.526	ng		94
47) 2-Chloronaphthalene	13.871	162	28662	9.376	ng		96
48) 2-Nitroaniline	14.071	65	8606	8.280	ng		91
49) Acenaphthylene	14.705	152	45424	9.146	ng		99
50) Dimethylphthalate	14.412	163	38813	8.526	ng		99
51) 2,6-Dinitrotoluene	14.547	165	8399	9.036	ng		88
52) Acenaphthene	15.046	154	27889	8.987	ng		99
53) 3-Nitroaniline	14.882	138	7929	8.515	ng	#	91
54) 2,4-Dinitrophenol	15.105	184	1689	7.670	ng	#	88
55) Dibenzofuran	15.375	168	48507	9.303	ng		94
56) 4-Nitrophenol	15.193	139	4540	7.331	ng	#	82
57) 2,4-Dinitrotoluene	15.334	165	12222	9.201	ng	#	89
58) Fluorene	16.021	166	39846	9.277	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.604	232	11971	9.368	ng	#	95
60) Diethylphthalate	15.757	149	40163	8.687	ng		96
61) 4-Chlorophenyl-phenyle...	15.998	204	23025	8.899	ng		90
62) 4-Nitroaniline	16.033	138	7816	8.320	ng	#	86
63) Azobenzene	16.291	77	36738	8.236	ng		96
65) 4,6-Dinitro-2-methylph...	16.103	198	5895	6.982	ng		93
66) n-Nitrosodiphenylamine	16.215	169	34319	8.935	ng		97
67) 4-Bromophenyl-phenylether	16.891	248	15488	8.971	ng		100
68) Hexachlorobenzene	17.026	284	17108	10.198	ng		98
69) Atrazine	17.143	200	14703	10.035	ng		95
70) Pentachlorophenol	17.384	266	4458	4.611	ng		93
71) Phenanthrene	17.760	178	67772	9.352	ng		98
72) Anthracene	17.854	178	67964	9.140	ng		99
73) Carbazole	18.118	167	56396	9.009	ng		97
74) Di-n-butylphthalate	18.635	149	63522	8.820	ng	#	98
75) Fluoranthene	19.751	202	79669	8.839	ng		100
77) Benzidine	19.922	184	41936	14.416	ng		97
78) Pyrene	20.116	202	82193	8.693	ng		100
80) Butylbenzylphthalate	20.962	149	26652	8.884	ng		99
81) Benzo(a)anthracene	22.007	228	82425	8.891	ng		99
82) 3,3'-Dichlorobenzidine	21.907	252	33145	11.163	ng		94
83) Chrysene	22.078	228	77930	8.935	ng		97
84) Bis(2-ethylhexyl)phtha...	21.854	149	38879	8.759	ng	#	98
85) Di-n-octyl phthalate	23.147	149	67191	9.080	ng		97
87) Indeno(1,2,3-cd)pyrene	29.585	276	90154	8.832	ng		99
88) Benzo(b)fluoranthene	24.416	252	83313	9.099	ng		100
89) Benzo(k)fluoranthene	24.486	252	80584	8.661	ng		99
90) Benzo(a)pyrene	25.373	252	72565	8.112	ng		96
91) Dibenzo(a,h)anthracene	29.644	278	75054	8.829	ng		98
92) Benzo(g,h,i)perylene	30.872	276	73819	8.893	ng		97

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

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