Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052375.D
Acq On : 11 Feb 2022 18:22
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 12 01:33:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 12 01:31:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	22014	20.000	ng		0.00
21) Naphthalene-d8	11.066	136	95539	20.000	ng		0.00
39) Acenaphthene-d10	14.873	164	71236	20.000	ng		0.00
64) Phenanthrene-d10	17.622	188	181742	20.000	ng		0.00
76) Chrysene-d12	21.934	240	202407	20.000	ng		0.00
86) Perylene-d12	25.411	264	200422	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.756	112	135933	107.619	ng		0.00
7) Phenol-d6	7.371	99	195511	100.319	ng		0.00
23) Nitrobenzene-d5	9.398	82	153392	69.779	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	113581	110.982	ng		0.00
45) 2-Fluorobiphenyl	13.492	172	373575	72.870	ng		0.00
79) Terphenyl-d14	20.213	244	799685	69.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	2638	4.536	ng	#	90
3) Pyridine	4.005	79	7008	4.155	ng		96
4) n-Nitrosodimethylamine	3.911	42	3909	4.488	ng		93
6) Aniline	7.536	93	11589	5.118	ng		92
8) 2-Chlorophenol	7.788	128	6283	4.522	ng		92
9) Benzaldehyde	7.348	77	7739	6.469	ng		91
10) Phenol	7.400	94	9680	4.999	ng		93
11) bis(2-Chloroethyl)ether	7.624	93	7272	4.913	ng	#	79
12) 1,3-Dichlorobenzene	8.117	146	8298	5.241	ng		99
13) 1,4-Dichlorobenzene	8.264	146	8264	5.120	ng		91
14) 1,2-Dichlorobenzene	8.593	146	8184m	5.142	ng		
15) Benzyl Alcohol	8.464	79	7007	4.332	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.746	45	10209	4.777	ng		84
17) 2-Methylphenol	8.669	107	6068	4.749	ng		91
18) Hexachloroethane	9.327	117	2966	5.285	ng	#	78
19) n-Nitroso-di-n-propyla...	9.028	70	7222	4.915	ng		91
20) 3+4-Methylphenols	8.992	107	7926	4.336	ng		80
22) Acetophenone	9.051	105	12253	4.853	ng	#	92
24) Nitrobenzene	9.439	77	11182	5.363	ng		99
25) Isophorone	9.962	82	19373	5.179	ng		97
26) 2-Nitrophenol	10.161	139	4192	4.743	ng	#	88
27) 2,4-Dimethylphenol	10.220	122	7036	5.377	ng	#	76
28) bis(2-Chloroethoxy)met...	10.443	93	10202	4.806	ng		94
29) 2,4-Dichlorophenol	10.714	162	6697	4.270	ng		96
30) 1,2,4-Trichlorobenzene	10.925	180	8658	4.727	ng	#	93
31) Naphthalene	11.119	128	25320	5.055	ng		96
32) Benzoic acid	10.338	122	940m	1.223	ng		
33) 4-Chloroaniline	11.219	127	9660	4.620	ng		96
34) Hexachlorobutadiene	11.401	225	5598	4.526	ng		94
35) Caprolactam	11.953	113	2670	4.671	ng	#	65
36) 4-Chloro-3-methylphenol	12.335	107	7874	4.413	ng	#	95
37) 2-Methylnaphthalene	12.711	142	18355	4.934	ng		96
38) 1-Methylnaphthalene	12.928	142	17039m	4.727	ng		
40) 1,2,4,5-Tetrachloroben...	13.075	216	11341	4.840	ng	#	96
41) Hexachlorocyclopentadiene	13.058	237	2050	2.072	ng	#	65
43) 2,4,6-Trichlorophenol	13.310	196	5854	3.820	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	7324	4.410	ng		95
46) 1,1'-Biphenyl	13.704	154	26685	5.109	ng		95
47) 2-Chloronaphthalene	13.751	162	19798	4.919	ng		98
48) 2-Nitroaniline	13.950	65	6484	4.525	ng		94
49) Acenaphthylene	14.597	152	34310	5.237	ng		98
50) Dimethylphthalate	14.309	163	27119	4.970	ng	#	93
51) 2,6-Dinitrotoluene	14.432	165	5777	4.906	ng	#	80
52) Acenaphthene	14.937	154	18758	4.372	ng		99
53) 3-Nitroaniline	14.767	138	5671	4.633	ng		80
54) 2,4-Dinitrophenol	14.990	184	709	1.110	ng		87
55) Dibenzofuran	15.266	168	33089	4.904	ng		99
56) 4-Nitrophenol	15.090	139	3011	3.276	ng	#	73
57) 2,4-Dinitrotoluene	15.219	165	8331	4.971	ng	#	88
58) Fluorene	15.918	166	26894	4.993	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.495	232	6431	4.054	ng	#	97
60) Diethylphthalate	15.666	149	26853	4.871	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.901	204	14863	4.844	ng		99
62) 4-Nitroaniline	15.924	138	6275	4.870	ng	#	78
63) Azobenzene	16.194	77	28154	4.989	ng		89
65) 4,6-Dinitro-2-methylph...	15.989	198	3010	2.753	ng		97
66) n-Nitrosodiphenylamine	16.112	169	23884	4.770	ng		100
67) 4-Bromophenyl-phenylether	16.800	248	9683	4.381	ng		91
68) Hexachlorobenzene	16.929	284	11038	4.605	ng		99
69) Atrazine	17.052	200	9718	4.800	ng		98
70) Pentachlorophenol	17.287	266	2519	2.148	ng	#	77
71) Phenanthrene	17.663	178	46298m	4.942	ng		
72) Anthracene	17.757	178	47227	5.144	ng		94
73) Carbazole	18.021	167	42730	4.772	ng		99
74) Di-n-butylphthalate	18.562	149	48787	5.001	ng		99
75) Fluoranthene	19.666	202	60444	5.067	ng		96
77) Benzidine	19.837	184	32273	7.462	ng	#	94
78) Pyrene	20.030	202	64756	4.781	ng		97
80) Butylbenzylphthalate	20.894	149	21460	4.562	ng		98
81) Benzo(a)anthracene	21.916	228	67091	5.009	ng		96
82) 3,3'-Dichlorobenzidine	21.816	252	23040	4.927	ng		98
83) Chrysene	21.987	228	59951	4.723	ng		96
84) Bis(2-ethylhexyl)phtha...	21.793	149	31941	4.896	ng		98
85) Di-n-octyl phthalate	23.085	149	52971	4.843	ng		96
87) Indeno(1,2,3-cd)pyrene	29.406	276	65766	4.484	ng	#	87
88) Benzo(b)fluoranthene	24.295	252	64316	5.150	ng		99
89) Benzo(k)fluoranthene	24.366	252	62806	5.091	ng		99
90) Benzo(a)pyrene	25.241	252	59030	5.595	ng		96
91) Dibenzo(a,h)anthracene	29.471	278	59088	4.877	ng	#	92
92) Benzo(g,h,i)perylene	30.651	276	56302	4.735	ng		97

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

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