Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
Data File : BG056941.D
Acq On : 31 Mar 2023 12:44
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-5ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 02:33:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.411	152	15355	20.000	ng		0.00
21) Naphthalene-d8	11.254	136	58175	20.000	ng		0.00
39) Acenaphthene-d10	15.026	164	47159	20.000	ng		0.00
64) Phenanthrene-d10	17.769	188	118586	20.000	ng		0.00
76) Chrysene-d12	22.087	240	112931	20.000	ng		#-0.01
86) Perylene-d12	25.635	264	121556	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.914	112	104695	109.123	ng		0.00
7) Phenol-d6	7.536	99	155194	108.154	ng		0.00
23) Nitrobenzene-d5	9.592	82	121545	85.489	ng		0.00
42) 2,4,6-Tribromophenol	16.506	330	92856	123.252	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	296853	85.357	ng		-0.01
79) Terphenyl-d14	20.336	244	585499	87.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.723	88	1919	4.563	ng		93
3) Pyridine	4.158	79	5683m	4.195	ng		
4) n-Nitrosodimethylamine	4.052	42	2739	4.398	ng	#	88
6) Aniline	7.718	93	8503	4.635	ng		96
8) 2-Chlorophenol	7.970	128	4751	4.972	ng		87
9) Benzaldehyde	7.536	77	6115	6.794	ng		98
10) Phenol	7.565	94	6684	4.701	ng		78
11) bis(2-Chloroethyl)ether	7.812	93	5162	5.097	ng		92
12) 1,3-Dichlorobenzene	8.305	146	5053m	4.785	ng		
13) 1,4-Dichlorobenzene	8.446	146	5899	5.535	ng	#	87
14) 1,2-Dichlorobenzene	8.775	146	5180	5.031	ng	#	85
15) Benzyl Alcohol	8.640	79	5667	4.753	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.928	45	6695	5.485	ng		95
17) 2-Methylphenol	8.840	107	4461	4.398	ng		92
18) Hexachloroethane	9.521	117	1996	5.124	ng		89
19) n-Nitroso-di-n-propyla...	9.204	70	5331	5.194	ng	#	92
20) 3+4-Methylphenols	9.163	107	5922	4.175	ng		92
22) Acetophenone	9.239	105	9674	5.588	ng	#	90
24) Nitrobenzene	9.633	77	7856	5.405	ng	#	92
25) Isophorone	10.150	82	13753	5.080	ng	#	97
26) 2-Nitrophenol	10.350	139	2763	4.925	ng		89
27) 2,4-Dimethylphenol	10.385	122	4758	4.803	ng		91
28) bis(2-Chloroethoxy)met...	10.626	93	6663	4.916	ng	#	96
29) 2,4-Dichlorophenol	10.890	162	5168	4.851	ng		95
30) 1,2,4-Trichlorobenzene	11.113	180	5466	4.829	ng	#	83
31) Naphthalene	11.301	128	16370	5.163	ng	#	96
32) Benzoic acid	10.449	122	1378m	2.025	ng		
33) 4-Chloroaniline	11.401	127	7153	4.995	ng	#	93
34) Hexachlorobutadiene	11.577	225	4027	4.736	ng		92
35) Caprolactam	12.130	113	2083	5.669	ng		92
36) 4-Chloro-3-methylphenol	12.482	107	6051	5.079	ng		96
37) 2-Methylnaphthalene	12.876	142	12027	4.779	ng		96
38) 1-Methylnaphthalene	13.099	142	12306m	5.207	ng		
40) 1,2,4,5-Tetrachloroben...	13.240	216	8645	5.286	ng		99
41) Hexachlorocyclopentadiene	13.216	237	4579	5.082	ng		88
43) 2,4,6-Trichlorophenol	13.469	196	5300m	5.079	ng		

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	5584	4.517	ng	#	94
46) 1,1'-Biphenyl	13.862	154	18563	5.377	ng		97
47) 2-Chloronaphthalene	13.915	162	14524	5.689	ng		97
48) 2-Nitroaniline	14.103	65	4293	4.702	ng		91
49) Acenaphthylene	14.755	152	22063	5.259	ng		97
50) Dimethylphthalate	14.456	163	18926	5.093	ng		96
51) 2,6-Dinitrotoluene	14.585	165	3767	4.692	ng		91
52) Acenaphthene	15.090	154	13834	4.782	ng		93
53) 3-Nitroaniline	14.920	138	3612	4.545	ng	#	95
54) 2,4-Dinitrophenol	15.120	184	1440	3.187	ng	#	87
55) Dibenzofuran	15.419	168	23048	5.308	ng		93
56) 4-Nitrophenol	15.202	139	2611	4.443	ng	#	75
57) 2,4-Dinitrotoluene	15.360	165	5225	4.614	ng	#	97
58) Fluorene	16.065	166	18726	5.211	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.637	232	5586	4.963	ng	#	99
60) Diethylphthalate	15.807	149	19162	5.144	ng		94
61) 4-Chlorophenyl-phenyle...	16.048	204	10694	5.069	ng		98
62) 4-Nitroaniline	16.065	138	4074	4.948	ng	#	82
63) Azobenzene	16.341	77	19505	5.254	ng		96
65) 4,6-Dinitro-2-methylph...	16.130	198	2814	3.918	ng		84
66) n-Nitrosodiphenylamine	16.259	169	16488	5.179	ng		91
67) 4-Bromophenyl-phenylether	16.947	248	7011	4.778	ng		94
68) Hexachlorobenzene	17.070	284	7792	5.371	ng		95
69) Atrazine	17.187	200	7148	5.409	ng		90
70) Pentachlorophenol	17.411	266	3118	2.996	ng		95
71) Phenanthrene	17.810	178	31186	5.158	ng		99
72) Anthracene	17.898	178	32457	5.237	ng		98
73) Carbazole	18.163	167	28611	5.295	ng	#	96
74) Di-n-butylphthalate	18.685	149	30820	4.925	ng		98
75) Fluoranthene	19.796	202	37938	4.950	ng		97
77) Benzidine	19.960	184	21581	6.991	ng	#	92
78) Pyrene	20.160	202	41319	5.290	ng		95
80) Butylbenzylphthalate	21.017	149	12703	4.726	ng		100
81) Benzo(a)anthracene	22.069	228	40515	5.184	ng		94
82) 3,3'-Dichlorobenzidine	21.963	252	16461	6.238	ng		100
83) Chrysene	22.139	228	38284	5.232	ng		99
84) Bis(2-ethylhexyl)phtha...	21.922	149	19323	4.965	ng	#	93
85) Di-n-octyl phthalate	23.244	149	31511	4.804	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.706	276	46680	5.196	ng	#	74
88) Benzo(b)fluoranthene	24.495	252	41760	5.494	ng		93
89) Benzo(k)fluoranthene	24.572	252	40100	5.284	ng		100
90) Benzo(a)pyrene	25.464	252	34564	4.627	ng		92
91) Dibenzo(a,h)anthracene	29.770	278	38906	5.269	ng		94
92) Benzo(g,h,i)perylene	31.004	276	37679	5.211	ng		100

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

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