Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
Data File : BG056474.D
Acq On : 30 Jan 2023 17:56
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER-10ppm
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 31 03:03:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 00:39:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/31/2023
Supervised By :Jagrut Upadhyay
01/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	39359	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	152593	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	129261	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	343838	20.000	ng		0.00
76) Chrysene-d12	21.925	240	339387	20.000	ng		0.00
86) Perylene-d12	25.344	264	370147	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	219095	102.402	ng		0.00
7) Phenol-d6	7.418	99	317183	100.054	ng		0.00
23) Nitrobenzene-d5	9.451	82	186915	69.557	ng		0.00
42) 2,4,6-Tribromophenol	16.384	330	179357	104.372	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	641666	68.824	ng		0.00
79) Terphenyl-d14	20.215	244	1298477	67.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	8342	9.364	ng		98
3) Pyridine	4.028	79	21640	8.148	ng		99
4) n-Nitrosodimethylamine	3.934	42	4770	8.446	ng	#	94
6) Aniline	7.588	93	34959	8.423	ng		96
8) 2-Chlorophenol	7.835	128	20363	8.664	ng		98
9) Benzaldehyde	7.400	77	18043	9.811	ng		91
10) Phenol	7.447	94	27556	8.552	ng		96
11) bis(2-Chloroethyl)ether	7.682	93	20310	9.171	ng		95
12) 1,3-Dichlorobenzene	8.164	146	25673	9.487	ng		95
13) 1,4-Dichlorobenzene	8.317	146	25887	9.446	ng		96
14) 1,2-Dichlorobenzene	8.634	146	25742	9.681	ng		99
15) Benzyl Alcohol	8.511	79	19128	8.794	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.793	45	3823	8.147	ng	#	74
17) 2-Methylphenol	8.717	107	20006	8.162	ng		95
18) Hexachloroethane	9.375	117	8088	9.757	ng		97
19) n-Nitroso-di-n-propyla...	9.075	70	16007	8.762	ng	#	95
20) 3+4-Methylphenols	9.046	107	26714	7.777	ng		96
22) Acetophenone	9.104	105	38385	9.468	ng	#	98
24) Nitrobenzene	9.498	77	23927	9.231	ng		96
25) Isophorone	10.015	82	48063	8.670	ng		97
26) 2-Nitrophenol	10.215	139	14425	9.172	ng		94
27) 2,4-Dimethylphenol	10.256	122	21007	7.982	ng		94
28) bis(2-Chloroethoxy)met...	10.491	93	27460	8.966	ng		97
29) 2,4-Dichlorophenol	10.755	162	25624	8.649	ng		96
30) 1,2,4-Trichlorobenzene	10.973	180	30689	9.322	ng		99
31) Naphthalene	11.161	128	73309	9.102	ng		97
32) Benzoic acid	10.373	122	10845m	7.365	ng		
33) 4-Chloroaniline	11.261	127	32789	8.722	ng		97
34) Hexachlorobutadiene	11.437	225	21880	9.468	ng		97
35) Caprolactam	12.013	113	9127	9.135	ng		94
36) 4-Chloro-3-methylphenol	12.365	107	25412	8.882	ng		90
37) 2-Methylnaphthalene	12.747	142	57079	8.597	ng		96
38) 1-Methylnaphthalene	12.964	142	55960	9.024	ng		95
40) 1,2,4,5-Tetrachloroben...	13.106	216	42987	9.103	ng		100
41) Hexachlorocyclopentadiene	13.082	237	12870	11.103	ng		94
43) 2,4,6-Trichlorophenol	13.341	196	25791	8.475	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	27945	7.843	ng		95
46) 1,1'-Biphenyl	13.734	154	85617	9.132	ng		97
47) 2-Chloronaphthalene	13.787	162	66482	9.072	ng		98
48) 2-Nitroaniline	13.981	65	13011	8.588	ng		96
49) Acenaphthylene	14.621	152	106435	8.927	ng		98
50) Dimethylphthalate	14.333	163	94127	9.001	ng		100
51) 2,6-Dinitrotoluene	14.463	165	20443	8.964	ng		99
52) Acenaphthene	14.962	154	62538	8.845	ng		98
53) 3-Nitroaniline	14.798	138	19264	8.713	ng		88
54) 2,4-Dinitrophenol	15.009	184	12921	9.037	ng		95
55) Dibenzofuran	15.291	168	114680	9.044	ng		98
56) 4-Nitrophenol	15.097	139	19572	12.955	ng		94
57) 2,4-Dinitrotoluene	15.250	165	28735	8.945	ng		100
58) Fluorene	15.937	166	92900	9.207	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.514	232	27485	8.676	ng	#	100
60) Diethylphthalate	15.685	149	91555	9.323	ng		97
61) 4-Chlorophenyl-phenyle...	15.920	204	54920	8.920	ng		98
62) 4-Nitroaniline	15.949	138	20319	9.184	ng		98
63) Azobenzene	16.214	77	61830	9.151	ng		97
65) 4,6-Dinitro-2-methylph...	16.014	198	24346	10.071	ng		97
66) n-Nitrosodiphenylamine	16.131	169	84504	8.680	ng		97
67) 4-Bromophenyl-phenylether	16.813	248	37919	8.615	ng		98
68) Hexachlorobenzene	16.942	284	39282	9.112	ng		97
69) Atrazine	17.066	200	37769	10.057	ng		96
70) Pentachlorophenol	17.289	266	28049m	10.752	ng		
71) Phenanthrene	17.677	178	163497	9.085	ng		96
72) Anthracene	17.771	178	165350	8.951	ng		99
73) Carbazole	18.035	167	143271	9.106	ng		99
74) Di-n-butylphthalate	18.558	149	145514	8.808	ng		98
75) Fluoranthene	19.668	202	210325	9.260	ng		98
77) Benzidine	19.839	184	112604	12.261	ng		100
78) Pyrene	20.033	202	216012	8.949	ng		98
80) Butylbenzylphthalate	20.885	149	61618	8.359	ng		99
81) Benzo(a)anthracene	21.901	228	213675	9.006	ng		98
82) 3,3'-Dichlorobenzidine	21.807	252	88115	10.313	ng		99
83) Chrysene	21.972	228	196776	8.828	ng		98
84) Bis(2-ethylhexyl)phtha...	21.766	149	89232	8.443	ng		99
85) Di-n-octyl phthalate	23.035	149	150207	8.534	ng		100
87) Indeno(1,2,3-cd)pyrene	29.281	276	238377	8.798	ng	#	97
88) Benzo(b)fluoranthene	24.251	252	215826	9.394	ng		97
89) Benzo(k)fluoranthene	24.322	252	216885m	9.350	ng		
90) Benzo(a)pyrene	25.180	252	191771	8.474	ng		98
91) Dibenzo(a,h)anthracene	29.334	278	207842	9.138	ng		99
92) Benzo(g,h,i)perylene	30.515	276	199824	9.106	ng		98

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

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