Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056483.D
Acq On : 31 Jan 2023 12:54
Operator : CG/JU
Sample : N3980-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 01 01:22:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/01/2023
Supervised By :Jagrut Upadhyay
02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.273	152	30392	20.000	ng		0.00
21) Naphthalene-d8	11.110	136	113162	20.000	ng		0.00
39) Acenaphthene-d10	14.894	164	93579	20.000	ng		0.00
64) Phenanthrene-d10	17.632	188	244378	20.000	ng		0.00
76) Chrysene-d12	21.921	240	251643	20.000	ng		0.00
86) Perylene-d12	25.341	264	279852	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	184784	111.847	ng		0.00
7) Phenol-d6	7.421	99	264271	107.959	ng		0.00
23) Nitrobenzene-d5	9.453	82	152748	76.649	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	140217	112.708	ng		0.00
45) 2-Fluorobiphenyl	13.519	172	516979	76.593	ng		0.00
79) Terphenyl-d14	20.211	244	1059641	73.959	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.602	88	7500	10.902	ng	#	96
3) Pyridine	4.030	79	18782	9.159	ng		95
4) n-Nitrosodimethylamine	3.931	42	4352	9.979	ng	#	88
6) Aniline	7.585	93	29248	9.126	ng		94
8) 2-Chlorophenol	7.832	128	16452	9.065	ng		94
9) Benzaldehyde	7.403	77	15127	10.756	ng		91
10) Phenol	7.444	94	22918	9.212	ng		92
11) bis(2-Chloroethyl)ether	7.679	93	15935	9.318	ng		99
12) 1,3-Dichlorobenzene	8.167	146	21124	10.109	ng		90
13) 1,4-Dichlorobenzene	8.314	146	21649	10.230	ng		93
14) 1,2-Dichlorobenzene	8.637	146	21301	10.374	ng		94
15) Benzyl Alcohol	8.513	79	14990	8.925	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.795	45	3508	9.681	ng		93
17) 2-Methylphenol	8.713	107	15518	8.199	ng		86
18) Hexachloroethane	9.371	117	6035	9.429	ng		92
19) n-Nitroso-di-n-propyla...	9.077	70	13320	9.442	ng		96
20) 3+4-Methylphenols	9.042	107	22426	8.454	ng		98
22) Acetophenone	9.101	105	31262	10.397	ng	#	99
24) Nitrobenzene	9.495	77	19936	10.371	ng		90
25) Isophorone	10.012	82	40281	9.798	ng	#	94
26) 2-Nitrophenol	10.217	139	11754	10.078	ng		94
27) 2,4-Dimethylphenol	10.258	122	16376	8.390	ng	#	87
28) bis(2-Chloroethoxy)met...	10.488	93	22276	9.808	ng		95
29) 2,4-Dichlorophenol	10.752	162	20838	9.485	ng		97
30) 1,2,4-Trichlorobenzene	10.963	180	25535	10.459	ng		97
31) Naphthalene	11.157	128	60637	10.152	ng		98
32) Benzoic acid	10.376	122	12169m	11.144	ng		
33) 4-Chloroaniline	11.263	127	26358	9.454	ng		97
34) Hexachlorobutadiene	11.434	225	18073	10.546	ng		98
35) Caprolactam	12.009	113	7142	9.639	ng		95
36) 4-Chloro-3-methylphenol	12.362	107	20962	9.880	ng		98
37) 2-Methylnaphthalene	12.744	142	47006	9.546	ng		99
38) 1-Methylnaphthalene	12.961	142	44241	9.620	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.108	216	33737	9.868	ng		99
41) Hexachlorocyclopentadiene	13.085	237	9865	11.381	ng		99
43) 2,4,6-Trichlorophenol	13.343	196	20390	9.255	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.419	196	22267	8.632	ng		97
46) 1,1'-Biphenyl	13.731	154	67785	9.987	ng		98
47) 2-Chloronaphthalene	13.784	162	54251	10.226	ng		99
48) 2-Nitroaniline	13.983	65	9932	9.056	ng		96
49) Acenaphthylene	14.624	152	83050	9.622	ng		99
50) Dimethylphthalate	14.330	163	72221	9.539	ng		99
51) 2,6-Dinitrotoluene	14.459	165	15313	9.275	ng		93
52) Acenaphthene	14.959	154	49592	9.688	ng		97
53) 3-Nitroaniline	14.794	138	14251	8.903	ng		86
54) 2,4-Dinitrophenol	15.018	184	5802	5.606	ng	#	88
55) Dibenzofuran	15.294	168	90681	9.878	ng		96
56) 4-Nitrophenol	15.100	139	9663	8.835	ng		97
57) 2,4-Dinitrotoluene	15.247	165	21935	9.432	ng	#	98
58) Fluorene	15.934	166	71847	9.836	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.517	232	20757m	9.050	ng		
60) Diethylphthalate	15.681	149	68682	9.661	ng		98
61) 4-Chlorophenyl-phenyle...	15.916	204	42656	9.570	ng		96
62) 4-Nitroaniline	15.952	138	15976	9.975	ng		89
63) Azobenzene	16.210	77	48200	9.854	ng		94
65) 4,6-Dinitro-2-methylph...	16.016	198	13459	7.834	ng		98
66) n-Nitrosodiphenylamine	16.128	169	66768	9.650	ng		98
67) 4-Bromophenyl-phenylether	16.810	248	29013	9.274	ng		94
68) Hexachlorobenzene	16.939	284	31259	10.202	ng		99
69) Atrazine	17.062	200	29703	11.128	ng		96
70) Pentachlorophenol	17.285	266	10305m	5.558	ng		
71) Phenanthrene	17.673	178	126080	9.857	ng		99
72) Anthracene	17.767	178	130557	9.944	ng		98
73) Carbazole	18.032	167	113805	10.177	ng		97
74) Di-n-butylphthalate	18.560	149	114174	9.724	ng		100
75) Fluoranthene	19.671	202	168999	10.469	ng		99
77) Benzidine	19.835	184	93775	13.771	ng		98
78) Pyrene	20.029	202	172184	9.621	ng		99
80) Butylbenzylphthalate	20.887	149	49402	9.038	ng		100
81) Benzo(a)anthracene	21.904	228	171154	9.729	ng		97
82) 3,3'-Dichlorobenzidine	21.804	252	70740	11.166	ng		98
83) Chrysene	21.968	228	158983	9.619	ng		99
84) Bis(2-ethylhexyl)phtha...	21.763	149	72186	9.211	ng		98
85) Di-n-octyl phthalate	23.032	149	120301	9.218	ng		100
87) Indeno(1,2,3-cd)pyrene	29.271	276	193513	9.446	ng	#	95
88) Benzo(b)fluoranthene	24.242	252	178946	10.302	ng		98
89) Benzo(k)fluoranthene	24.318	252	175863	10.028	ng		99
90) Benzo(a)pyrene	25.176	252	157251	9.190	ng		97
91) Dibenzo(a,h)anthracene	29.330	278	168621	9.806	ng		97
92) Benzo(g,h,i)perylene	30.511	276	166118	10.012	ng		97

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

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