Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056513.D
Acq On : 2 Feb 2023 14:01
Operator : CG/JU
Sample : N4955-09
Misc : MDL-MDL-WATER 8PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 05:21:40 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 :
MDL-WATER-03-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.277	152	34597	20.000	ng		0.00
21) Naphthalene-d8	11.109	136	129650	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	109200	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	289271	20.000	ng		0.00
76) Chrysene-d12	21.925	240	284145	20.000	ng	#	0.00
86) Perylene-d12	25.339	264	308278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	199231	105.934	ng		0.00
7) Phenol-d6	7.419	99	288271	103.450	ng		0.00
23) Nitrobenzene-d5	9.452	82	192328	84.237	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	159165	109.637	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	658717	83.632	ng		0.00
79) Terphenyl-d14	20.210	244	1271966	78.623	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.600	88	6448	8.234	ng		99
3) Pyridine	4.023	79	16167	6.926	ng		97
4) n-Nitrosodimethylamine	3.929	42	3948	7.953	ng	#	80
6) Aniline	7.589	93	26990	7.398	ng		98
8) 2-Chlorophenol	7.836	128	14588	7.061	ng		93
9) Benzaldehyde	7.401	77	14033	8.560	ng		93
10) Phenol	7.442	94	20772	7.334	ng		94
11) bis(2-Chloroethyl)ether	7.677	93	14774	7.589	ng		92
12) 1,3-Dichlorobenzene	8.165	146	18952	7.967	ng		95
13) 1,4-Dichlorobenzene	8.312	146	20318	8.434	ng		94
14) 1,2-Dichlorobenzene	8.635	146	19121	8.181	ng		93
15) Benzyl Alcohol	8.512	79	13562	7.094	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.788	45	3083	7.474	ng		86
17) 2-Methylphenol	8.711	107	15479	7.184	ng		94
18) Hexachloroethane	9.369	117	6193	8.500	ng		86
19) n-Nitroso-di-n-propyla...	9.076	70	11930	7.429	ng	#	90
20) 3+4-Methylphenols	9.040	107	20097	6.656	ng		93
22) Acetophenone	9.099	105	29913	8.684	ng	#	93
24) Nitrobenzene	9.493	77	18186m	8.258	ng		
25) Isophorone	10.010	82	37449	7.951	ng		97
26) 2-Nitrophenol	10.210	139	10443	7.815	ng		93
27) 2,4-Dimethylphenol	10.257	122	15945	7.130	ng		92
28) bis(2-Chloroethoxy)met...	10.492	93	22125	8.503	ng	#	95
29) 2,4-Dichlorophenol	10.756	162	19278	7.659	ng		98
30) 1,2,4-Trichlorobenzene	10.968	180	23523	8.410	ng		92
31) Naphthalene	11.161	128	54819	8.011	ng		98
32) Benzoic acid	10.380	122	10402m	8.314	ng		
33) 4-Chloroaniline	11.261	127	25106	7.860	ng	#	95
34) Hexachlorobutadiene	11.432	225	17519	8.923	ng		96
35) Caprolactam	12.002	113	6690	7.881	ng		88
36) 4-Chloro-3-methylphenol	12.366	107	18463	7.595	ng		99
37) 2-Methylnaphthalene	12.742	142	45365	8.041	ng		99
38) 1-Methylnaphthalene	12.959	142	42963	8.154	ng	#	91
40) 1,2,4,5-Tetrachloroben...	13.106	216	33639	8.432	ng		99
41) Hexachlorocyclopentadiene	13.083	237	9260	10.401	ng		99
43) 2,4,6-Trichlorophenol	13.341	196	19162	7.453	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	21535	7.154	ng		97
46) 1,1'-Biphenyl	13.729	154	67289	8.496	ng		98
47) 2-Chloronaphthalene	13.782	162	52145	8.423	ng		97
48) 2-Nitroaniline	13.982	65	9970	7.790	ng		84
49) Acenaphthylene	14.622	152	81398	8.081	ng		99
50) Dimethylphthalate	14.328	163	71227	8.062	ng		96
51) 2,6-Dinitrotoluene	14.458	165	14942	7.756	ng		93
52) Acenaphthene	14.957	154	48461	8.113	ng		95
53) 3-Nitroaniline	14.792	138	14612	7.823	ng		98
54) 2,4-Dinitrophenol	15.010	184	10991	9.100	ng		96
55) Dibenzofuran	15.286	168	88401	8.252	ng		98
56) 4-Nitrophenol	15.104	139	8624	6.757	ng		94
57) 2,4-Dinitrotoluene	15.251	165	21989	8.103	ng		90
58) Fluorene	15.932	166	70293	8.247	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.515	232	19427	7.259	ng	#	97
60) Diethylphthalate	15.680	149	65604	7.908	ng		99
61) 4-Chlorophenyl-phenyle...	15.915	204	42701	8.210	ng		96
62) 4-Nitroaniline	15.950	138	13817	7.393	ng		91
63) Azobenzene	16.208	77	46642	8.171	ng		95
65) 4,6-Dinitro-2-methylph...	16.015	198	11971	5.886	ng		94
66) n-Nitrosodiphenylamine	16.132	169	63273	7.726	ng		98
67) 4-Bromophenyl-phenylether	16.808	248	29272	7.905	ng		96
68) Hexachlorobenzene	16.937	284	30078	8.293	ng		95
69) Atrazine	17.060	200	27970	8.852	ng		97
70) Pentachlorophenol	17.290	266	16185m	7.375	ng		
71) Phenanthrene	17.677	178	121258	8.009	ng		99
72) Anthracene	17.765	178	123310	7.934	ng		99
73) Carbazole	18.030	167	105470	7.968	ng		96
74) Di-n-butylphthalate	18.559	149	105642	7.601	ng		99
75) Fluoranthene	19.669	202	156621	8.196	ng		100
77) Benzidine	19.834	184	80658	10.490	ng		99
78) Pyrene	20.027	202	158170	7.827	ng		98
80) Butylbenzylphthalate	20.885	149	44587	7.224	ng		97
81) Benzo(a)anthracene	21.902	228	156978	7.902	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	62893	8.792	ng		97
83) Chrysene	21.972	228	146594	7.855	ng		97
84) Bis(2-ethylhexyl)phtha...	21.761	149	63987	7.231	ng		99
85) Di-n-octyl phthalate	23.030	149	107829	7.317	ng		99
87) Indeno(1,2,3-cd)pyrene	29.275	276	172508	7.644	ng		100
88) Benzo(b)fluoranthene	24.246	252	159854	8.354	ng		97
89) Benzo(k)fluoranthene	24.317	252	157232	8.139	ng		99
90) Benzo(a)pyrene	25.180	252	141135	7.488	ng		96
91) Dibenzo(a,h)anthracene	29.322	278	153111	8.083	ng		99
92) Benzo(g,h,i)perylene	30.503	276	148629	8.132	ng		99

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

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