Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
Data File : BG057457.D
Acq On : 18 May 2023 11:52
Operator : CG/JU
Sample : 02213-07
Misc : LOD-MDL-WATER-4PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 13:16:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/19/2023
Supervised By :Jagrut Upadhyay
05/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.363	152	16652	20.000	ng		0.00
21) Naphthalene-d8	11.194	136	69875	20.000	ng		0.00
39) Acenaphthene-d10	14.972	164	56792	20.000	ng		0.00
64) Phenanthrene-d10	17.715	188	143687	20.000	ng		0.00
76) Chrysene-d12	22.021	240	133725	20.000	ng		-0.01
86) Perylene-d12	25.516	264	140828	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.872	112	99798	102.520	ng		0.00
7) Phenol-d6	7.499	99	149065	100.840	ng		0.00
23) Nitrobenzene-d5	9.538	82	109394	65.708	ng		0.00
42) 2,4,6-Tribromophenol	16.458	330	85069	105.568	ng		0.00
45) 2-Fluorobiphenyl	13.597	172	300881	71.353	ng		0.00
79) Terphenyl-d14	20.282	244	565714	69.037	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	1465	3.640	ng		91
3) Pyridine	4.122	79	3487	2.696	ng	#	75
4) n-Nitrosodimethylamine	4.016	42	1605	2.640	ng	#	98
6) Aniline	7.676	93	6427	3.427	ng	#	89
8) 2-Chlorophenol	7.916	128	3770	3.665	ng		96
10) Phenol	7.523	94	5154	3.577	ng		87
11) bis(2-Chloroethyl)ether	7.758	93	3813	3.509	ng		89
12) 1,3-Dichlorobenzene	8.251	146	4479	3.945	ng		96
13) 1,4-Dichlorobenzene	8.392	146	4392	3.851	ng		97
14) 1,2-Dichlorobenzene	8.721	146	4218m	3.832	ng		
15) Benzyl Alcohol	8.592	79	3367	2.734	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.874	45	4434	3.238	ng		88
17) 2-Methylphenol	8.798	107	3311	3.187	ng		97
18) Hexachloroethane	9.455	117	1477	3.589	ng		97
19) n-Nitroso-di-n-propyla...	9.156	70	3514	3.118	ng	#	86
20) 3+4-Methylphenols	9.127	107	4528	3.183	ng		86
22) Acetophenone	9.185	105	7046	3.523	ng	#	90
24) Nitrobenzene	9.579	77	5862	3.489	ng		93
25) Isophorone	10.096	82	10130	3.138	ng		98
26) 2-Nitrophenol	10.301	139	2104	3.271	ng		92
27) 2,4-Dimethylphenol	10.343	122	3648	3.239	ng		94
28) bis(2-Chloroethoxy)met...	10.572	93	5362	3.315	ng		100
29) 2,4-Dichlorophenol	10.859	162	4079	3.415	ng	#	79
30) 1,2,4-Trichlorobenzene	11.059	180	5055	3.669	ng		94
31) Naphthalene	11.247	128	13148	3.520	ng	#	95
33) 4-Chloroaniline	11.359	127	5496	3.276	ng	#	92
34) Hexachlorobutadiene	11.517	225	3725	3.644	ng	#	76
35) Caprolactam	12.099	113	1179	2.889	ng	#	91
36) 4-Chloro-3-methylphenol	12.451	107	4390	3.234	ng		91
37) 2-Methylnaphthalene	12.827	142	10404	3.542	ng		97
38) 1-Methylnaphthalene	13.045	142	9505m	3.433	ng		
40) 1,2,4,5-Tetrachloroben...	13.186	216	7604	3.772	ng		94
41) Hexachlorocyclopentadiene	13.156	237	289	6.570	ng	#	27
43) 2,4,6-Trichlorophenol	13.427	196	3853	3.137	ng		94
44) 2,4,5-Trichlorophenol	13.515	196	4477	3.099	ng	#	92
46) 1,1'-Biphenyl	13.808	154	15529	3.685	ng		97

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47) 2-Chloronaphthalene	13.867	162	11454	3.655	ng		95
48) 2-Nitroaniline	14.061	65	3065	2.876	ng		93
49) Acenaphthylene	14.701	152	17707	3.478	ng		94
50) Dimethylphthalate	14.402	163	15509	3.323	ng		97
51) 2,6-Dinitrotoluene	14.537	165	3128	3.283	ng		90
52) Acenaphthene	15.036	154	11537	3.626	ng		97
53) 3-Nitroaniline	14.878	138	2755	2.886	ng	#	77
55) Dibenzofuran	15.365	168	19301	3.611	ng		97
56) 4-Nitrophenol	15.207	139	1054	1.660	ng	#	81
57) 2,4-Dinitrotoluene	15.330	165	4409	3.238	ng	#	92
58) Fluorene	16.011	166	15296	3.474	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.600	232	4407	3.364	ng	#	93
60) Diethylphthalate	15.753	149	15574	3.286	ng		94
61) 4-Chlorophenyl-phenyle...	15.994	204	9138	3.445	ng		98
62) 4-Nitroaniline	16.035	138	2759	2.865	ng	#	86
63) Azobenzene	16.287	77	14135	3.091	ng		96
65) 4,6-Dinitro-2-methylph...	16.099	198	1545	1.801	ng		91
66) n-Nitrosodiphenylamine	16.205	169	13493	3.457	ng		98
67) 4-Bromophenyl-phenylether	16.887	248	6050	3.449	ng		92
68) Hexachlorobenzene	17.022	284	6720	3.942	ng	#	92
69) Atrazine	17.133	200	5997	4.028	ng		99
70) Pentachlorophenol	17.409	266	369	0.376	ng	#	20
71) Phenanthrene	17.756	178	26790	3.639	ng		98
72) Anthracene	17.844	178	26704	3.535	ng		99
73) Carbazole	18.114	167	22356	3.515	ng		97
74) Di-n-butylphthalate	18.625	149	23447	3.204	ng		98
75) Fluoranthene	19.747	202	32394	3.537	ng		98
77) Benzidine	19.912	184	13652	4.566	ng	#	94
78) Pyrene	20.106	202	33345	3.432	ng		96
80) Butylbenzylphthalate	20.958	149	10454	3.391	ng	#	87
81) Benzo(a)anthracene	21.997	228	32346	3.395	ng		97
82) 3,3'-Dichlorobenzidine	21.897	252	12903	4.228	ng		92
83) Chrysene	22.068	228	31447	3.508	ng		99
84) Bis(2-ethylhexyl)phtha...	21.845	149	14820	3.249	ng		100
85) Di-n-octyl phthalate	23.131	149	24390	3.207	ng		99
87) Indeno(1,2,3-cd)pyrene	29.558	276	34366	3.348	ng	#	95
88) Benzo(b)fluoranthene	24.394	252	33025	3.587	ng		98
89) Benzo(k)fluoranthene	24.470	252	32091	3.430	ng		98
90) Benzo(a)pyrene	25.352	252	28452	3.164	ng		99
91) Dibenzo(a,h)anthracene	29.605	278	29650	3.469	ng	#	95
92) Benzo(g,h,i)perylene	30.838	276	28811	3.452	ng		97

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

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