Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
Data File : BG057458.D
Acq On : 18 May 2023 14:12
Operator : CG/JU
Sample : 02213-07
Misc : LOD-MDL-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 15:08:42 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	8.355	152	16471	20.000	ng		0.00
21) Naphthalene-d8	11.192	136	67438	20.000	ng	#	0.00
39) Acenaphthene-d10	14.975	164	54381	20.000	ng		0.00
64) Phenanthrene-d10	17.713	188	137044	20.000	ng		0.00
76) Chrysene-d12	22.019	240	128876	20.000	ng		-0.01
86) Perylene-d12	25.520	264	135120	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.870	112	105048	109.099	ng		0.00
7) Phenol-d6	7.497	99	156473	107.015	ng		0.00
23) Nitrobenzene-d5	9.536	82	112558	70.052	ng		0.00
42) 2,4,6-Tribromophenol	16.456	330	90027	116.674	ng		0.00
45) 2-Fluorobiphenyl	13.601	172	306965	76.023	ng		0.00
79) Terphenyl-d14	20.280	244	570937	72.296	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.667	88	3638	9.138	ng	#	80
3) Pyridine	4.108	79	8143	6.364	ng		95
4) n-Nitrosodimethylamine	4.008	42	3676	6.114	ng	#	72
6) Aniline	7.668	93	13796	7.438	ng	#	91
8) 2-Chlorophenol	7.914	128	8171	8.031	ng		90
9) Benzaldehyde	7.486	77	9300	6.072	ng		94
10) Phenol	7.521	94	11182	7.845	ng		98
11) bis(2-Chloroethyl)ether	7.756	93	8693	8.088	ng		89
12) 1,3-Dichlorobenzene	8.243	146	9488	8.449	ng		94
13) 1,4-Dichlorobenzene	8.396	146	9674	8.577	ng		89
14) 1,2-Dichlorobenzene	8.719	146	9158m	8.410	ng		
15) Benzyl Alcohol	8.596	79	8239	6.764	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.872	45	9976	7.364	ng		97
17) 2-Methylphenol	8.796	107	7441	7.242	ng		95
18) Hexachloroethane	9.459	117	3114	7.650	ng		91
19) n-Nitroso-di-n-propyla...	9.148	70	7554	6.775	ng		97
20) 3+4-Methylphenols	9.125	107	9957	7.077	ng		97
22) Acetophenone	9.183	105	15207	7.879	ng	#	92
24) Nitrobenzene	9.577	77	11795	7.273	ng		97
25) Isophorone	10.094	82	20550	6.596	ng		96
26) 2-Nitrophenol	10.299	139	4785	7.708	ng		97
27) 2,4-Dimethylphenol	10.341	122	8100	7.452	ng		97
28) bis(2-Chloroethoxy)met...	10.570	93	11737	7.519	ng		99
29) 2,4-Dichlorophenol	10.846	162	9059	7.858	ng		97
30) 1,2,4-Trichlorobenzene	11.051	180	10415	7.832	ng		98
31) Naphthalene	11.245	128	28153	7.809	ng	#	95
32) Benzoic acid	10.552	122	655	5.659	ng	#	34
33) 4-Chloroaniline	11.351	127	12114	7.482	ng		91
34) Hexachlorobutadiene	11.515	225	7690	7.794	ng		99
35) Caprolactam	12.091	113	2646	6.719	ng	#	81
36) 4-Chloro-3-methylphenol	12.449	107	10368	7.914	ng		94
37) 2-Methylnaphthalene	12.825	142	21864	7.713	ng		94
38) 1-Methylnaphthalene	13.043	142	20454	7.655	ng		100
40) 1,2,4,5-Tetrachloroben...	13.184	216	15740	8.153	ng		98
41) Hexachlorocyclopentadiene	13.160	237	1974	8.255	ng		95
43) 2,4,6-Trichlorophenol	13.425	196	8669	7.371	ng		98

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44) 2,4,5-Trichlorophenol	13.507	196	10093	7.295	ng		94
46) 1,1'-Biphenyl	13.806	154	32171	7.972	ng		98
47) 2-Chloronaphthalene	13.865	162	23527	7.840	ng		96
48) 2-Nitroaniline	14.065	65	7099	6.958	ng		97
49) Acenaphthylene	14.699	152	37037	7.597	ng		99
50) Dimethylphthalate	14.406	163	32723	7.323	ng		99
51) 2,6-Dinitrotoluene	14.541	165	6550	7.179	ng		90
52) Acenaphthene	15.040	154	23486	7.710	ng		100
53) 3-Nitroaniline	14.876	138	6435	7.040	ng	#	89
54) 2,4-Dinitrophenol	15.116	184	1135	6.802	ng		93
55) Dibenzofuran	15.369	168	40536	7.920	ng		99
56) 4-Nitrophenol	15.193	139	3506	5.767	ng	#	78
57) 2,4-Dinitrotoluene	15.328	165	9524	7.304	ng		93
58) Fluorene	16.015	166	32568	7.725	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.598	232	9275	7.394	ng	#	99
60) Diethylphthalate	15.751	149	32432	7.146	ng		98
61) 4-Chlorophenyl-phenyle...	15.992	204	19156	7.542	ng		95
62) 4-Nitroaniline	16.027	138	6633	7.193	ng	#	77
63) Azobenzene	16.285	77	29644	6.770	ng		97
65) 4,6-Dinitro-2-methylph...	16.097	198	4912m	6.003	ng		
66) n-Nitrosodiphenylamine	16.203	169	27939	7.506	ng		98
67) 4-Bromophenyl-phenylether	16.885	248	12497	7.470	ng		95
68) Hexachlorobenzene	17.020	284	13939	8.574	ng		94
69) Atrazine	17.137	200	12568	8.852	ng		94
70) Pentachlorophenol	17.372	266	5200m	5.550	ng		
71) Phenanthrene	17.754	178	55378	7.886	ng		99
72) Anthracene	17.848	178	55858	7.752	ng		99
73) Carbazole	18.112	167	46238	7.622	ng		97
74) Di-n-butylphthalate	18.629	149	50992	7.306	ng		98
75) Fluoranthene	19.745	202	65958	7.552	ng		99
77) Benzidine	19.910	184	32392	11.243	ng		97
78) Pyrene	20.110	202	68369	7.301	ng		99
80) Butylbenzylphthalate	20.956	149	21412	7.206	ng		96
81) Benzo(a)anthracene	22.001	228	69748	7.596	ng		99
82) 3,3'-Dichlorobenzidine	21.895	252	25991	8.837	ng		97
83) Chrysene	22.072	228	64358	7.450	ng		99
84) Bis(2-ethylhexyl)phtha...	21.843	149	31601	7.188	ng		93
85) Di-n-octyl phthalate	23.135	149	52227	7.126	ng		98
87) Indeno(1,2,3-cd)pyrene	29.556	276	74070	7.522	ng		99
88) Benzo(b)fluoranthene	24.398	252	68585	7.765	ng		99
89) Benzo(k)fluoranthene	24.474	252	68568m	7.639	ng		
90) Benzo(a)pyrene	25.355	252	59542	6.900	ng	#	97
91) Dibenzo(a,h)anthracene	29.609	278	62905	7.670	ng	#	98
92) Benzo(g,h,i)perylene	30.836	276	59815	7.470	ng		98

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

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