Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057466.D
Acq On : 19 May 2023 13:52
Operator : CG/JU
Sample : 02213-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Quant Time: May 20 07:04:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	17698	20.000	ng		0.00
21) Naphthalene-d8	11.198	136	72390	20.000	ng		0.00
39) Acenaphthene-d10	14.970	164	58195	20.000	ng		0.00
64) Phenanthrene-d10	17.713	188	146663	20.000	ng		0.00
76) Chrysene-d12	22.019	240	136110	20.000	ng		0.00
86) Perylene-d12	25.514	264	143272	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.870	112	110601	106.902	ng		0.00
7) Phenol-d6	7.497	99	167704	106.744	ng		0.00
23) Nitrobenzene-d5	9.536	82	123100	71.372	ng		0.00
42) 2,4,6-Tribromophenol	16.456	330	96693	117.101	ng		0.00
45) 2-Fluorobiphenyl	13.595	172	330426	76.470	ng		0.00
79) Terphenyl-d14	20.280	244	616623	73.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	3846	8.991	ng	#	85
3) Pyridine	4.114	79	8603	6.258	ng		92
4) n-Nitrosodimethylamine	4.014	42	4264	6.600	ng	#	96
6) Aniline	7.668	93	15225	7.639	ng		96
8) 2-Chlorophenol	7.914	128	8949	8.186	ng		96
9) Benzaldehyde	7.486	77	9870	5.894	ng		96
10) Phenol	7.527	94	11555	7.545	ng		96
11) bis(2-Chloroethyl)ether	7.756	93	9006	7.798	ng		98
12) 1,3-Dichlorobenzene	8.249	146	9938	8.236	ng		99
13) 1,4-Dichlorobenzene	8.396	146	10317	8.512	ng		92
14) 1,2-Dichlorobenzene	8.719	146	9797	8.373	ng		94
15) Benzyl Alcohol	8.590	79	8598	6.569	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.866	45	10563	7.257	ng		97
17) 2-Methylphenol	8.796	107	8033	7.276	ng		96
18) Hexachloroethane	9.453	117	3859	8.823	ng		92
19) n-Nitroso-di-n-propyla...	9.154	70	8432	7.039	ng	#	97
20) 3+4-Methylphenols	9.124	107	10647	7.043	ng		91
22) Acetophenone	9.189	105	15449	7.456	ng	#	97
24) Nitrobenzene	9.583	77	12405	7.126	ng		99
25) Isophorone	10.094	82	22690	6.784	ng		99
26) 2-Nitrophenol	10.305	139	5250	7.879	ng		94
27) 2,4-Dimethylphenol	10.340	122	8811	7.551	ng		97
28) bis(2-Chloroethoxy)met...	10.570	93	12648	7.549	ng		99
29) 2,4-Dichlorophenol	10.846	162	10472	8.462	ng		93
30) 1,2,4-Trichlorobenzene	11.051	180	11315	7.927	ng		94
31) Naphthalene	11.245	128	30525	7.887	ng		99
32) Benzoic acid	10.552	122	305	5.126	ng	#	67
33) 4-Chloroaniline	11.351	127	12628	7.266	ng		96
34) Hexachlorobutadiene	11.515	225	7918	7.476	ng		97
35) Caprolactam	12.097	113	2653	6.276	ng		90
36) 4-Chloro-3-methylphenol	12.444	107	10985	7.811	ng		94
37) 2-Methylnaphthalene	12.825	142	23288	7.653	ng		93
38) 1-Methylnaphthalene	13.043	142	22076	7.697	ng		97
40) 1,2,4,5-Tetrachloroben...	13.184	216	16742	8.104	ng	#	98
41) Hexachlorocyclopentadiene	13.160	237	2308	8.436	ng		84
43) 2,4,6-Trichlorophenol	13.425	196	9162	7.279	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	10222	6.904	ng		93
46) 1,1'-Biphenyl	13.806	154	34528	7.996	ng		97
47) 2-Chloronaphthalene	13.859	162	26740	8.327	ng		98
48) 2-Nitroaniline	14.059	65	7336	6.719	ng		95
49) Acenaphthylene	14.699	152	40981	7.855	ng		99
50) Dimethylphthalate	14.406	163	35487	7.421	ng		99
51) 2,6-Dinitrotoluene	14.535	165	7366	7.544	ng		91
52) Acenaphthene	15.034	154	25073	7.691	ng		91
53) 3-Nitroaniline	14.870	138	7243	7.405	ng	#	74
54) 2,4-Dinitrophenol	15.105	184	1110	6.639	ng		95
55) Dibenzofuran	15.363	168	42540	7.767	ng		98
56) 4-Nitrophenol	15.193	139	3789	5.824	ng	#	88
57) 2,4-Dinitrotoluene	15.322	165	10526	7.543	ng		93
58) Fluorene	16.009	166	36066	7.994	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.598	232	10267	7.649	ng	#	97
60) Diethylphthalate	15.751	149	35315	7.272	ng		94
61) 4-Chlorophenyl-phenyle...	15.992	204	20791	7.650	ng		97
62) 4-Nitroaniline	16.033	138	6761	6.851	ng	#	83
63) Azobenzene	16.285	77	32561	6.949	ng		95
65) 4,6-Dinitro-2-methylph...	16.097	198	5008	5.719	ng		91
66) n-Nitrosodiphenylamine	16.203	169	30420	7.637	ng		99
67) 4-Bromophenyl-phenylether	16.885	248	13865	7.744	ng		97
68) Hexachlorobenzene	17.020	284	15083	8.669	ng		92
69) Atrazine	17.131	200	13351	8.786	ng		94
70) Pentachlorophenol	17.366	266	5661m	5.646	ng		
71) Phenanthrene	17.754	178	59656	7.938	ng		98
72) Anthracene	17.848	178	60253	7.814	ng		97
73) Carbazole	18.112	167	51428	7.922	ng		98
74) Di-n-butylphthalate	18.629	149	54499	7.296	ng		98
75) Fluoranthene	19.745	202	71962	7.699	ng		98
77) Benzidine	19.910	184	34946	11.484	ng		96
78) Pyrene	20.104	202	72826	7.363	ng		98
80) Butylbenzylphthalate	20.956	149	23453	7.473	ng		89
81) Benzo(a)anthracene	21.995	228	73305	7.559	ng		98
82) 3,3'-Dichlorobenzidine	21.895	252	28821	9.279	ng		95
83) Chrysene	22.066	228	69232	7.588	ng		99
84) Bis(2-ethylhexyl)phtha...	21.837	149	33774	7.274	ng		98
85) Di-n-octyl phthalate	23.129	149	57773	7.463	ng		97
87) Indeno(1,2,3-cd)pyrene	29.550	276	80588	7.718	ng		99
88) Benzo(b)fluoranthene	24.392	252	73570	7.855	ng		97
89) Benzo(k)fluoranthene	24.463	252	72297	7.597	ng		98
90) Benzo(a)pyrene	25.344	252	62827	6.866	ng		96
91) Dibenzo(a,h)anthracene	29.603	278	66371	7.632	ng		95
92) Benzo(g,h,i)perylene	30.819	276	64775	7.629	ng		97

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

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