Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
Data File : BG054275.D
Acq On : 13 Jul 2022 18:55
Operator : CG/JU
Sample : N3214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022

Quant Time: Jul 14 03:57:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 03:56:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.041	152	16775	20.000	ng		# 0.00
21) Naphthalene-d8	10.849	136	62753	20.000	ng		# 0.00
39) Acenaphthene-d10	14.669	164	52022	20.000	ng		0.00
64) Phenanthrene-d10	17.412	188	144332	20.000	ng		# 0.00
76) Chrysene-d12	21.684	240	188663	20.000	ng		# 0.00
86) Perylene-d12	24.927	264	195014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.609	112	91578	109.680	ng		0.00
7) Phenol-d6	7.207	99	131188	113.917	ng		0.00
23) Nitrobenzene-d5	9.204	82	104571	90.429	ng		0.00
42) 2,4,6-Tribromophenol	16.161	330	135080	134.046	ng		0.00
45) 2-Fluorobiphenyl	13.294	172	341216	96.376	ng		0.00
79) Terphenyl-d14	20.027	244	799597	87.154	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	1246	3.412	ng	#	82
3) Pyridine	3.905	79	2295	2.517	ng	#	86
4) n-Nitrosodimethylamine	3.817	42	1363	2.958	ng	#	77
6) Aniline	7.365	93	5166	3.816	ng		96
8) 2-Chlorophenol	7.606	128	3473	3.711	ng		96
9) Benzaldehyde	7.177	77	3498	5.058	ng		85
10) Phenol	7.236	94	4139	3.562	ng	#	79
11) bis(2-Chloroethyl)ether	7.459	93	2800	3.268	ng		88
12) 1,3-Dichlorobenzene	7.935	146	4459	3.924	ng		97
13) 1,4-Dichlorobenzene	8.076	146	4494m	3.859	ng		
14) 1,2-Dichlorobenzene	8.393	146	4361	3.900	ng		91
15) Benzyl Alcohol	8.282	79	2961	3.189	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.558	45	3766	3.165	ng		90
17) 2-Methylphenol	8.488	107	2699	3.251	ng		93
18) Hexachloroethane	9.122	117	1388	3.503	ng	#	47
19) n-Nitroso-di-n-propyla...	8.840	70	2671	3.397	ng	#	86
20) 3+4-Methylphenols	8.811	107	3579	3.073	ng		86
22) Acetophenone	8.864	105	5618	3.704	ng	#	93
24) Nitrobenzene	9.245	77	4150	3.651	ng	#	76
25) Isophorone	9.768	82	7600	3.633	ng	#	91
26) 2-Nitrophenol	9.968	139	1971	3.519	ng	#	61
27) 2,4-Dimethylphenol	10.021	122	3379	4.313	ng		85
28) bis(2-Chloroethoxy)met...	10.244	93	4082	3.833	ng		98
29) 2,4-Dichlorophenol	10.503	162	4255	3.747	ng		87
30) 1,2,4-Trichlorobenzene	10.714	180	6137	4.381	ng		96
31) Naphthalene	10.902	128	12459	3.948	ng		97
33) 4-Chloroaniline	11.014	127	4511	3.437	ng		94
34) Hexachlorobutadiene	11.190	225	5177	4.454	ng		94
35) Caprolactam	11.766	113	919	2.842	ng	#	49
36) 4-Chloro-3-methylphenol	12.136	107	3722	3.407	ng		94
37) 2-Methylnaphthalene	12.506	142	9208	3.808	ng		91
38) 1-Methylnaphthalene	12.724	142	9093	3.873	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.871	216	9359	4.432	ng	#	92
41) Hexachlorocyclopentadiene	12.853	237	258	0.489	ng		91
43) 2,4,6-Trichlorophenol	13.112	196	4515	3.723	ng		94
44) 2,4,5-Trichlorophenol	13.194	196	4592	3.462	ng	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.505	154	13840	3.956	ng		96
47) 2-Chloronaphthalene	13.546	162	11538	3.945	ng		97
48) 2-Nitroaniline	13.752	65	2428	2.933	ng	#	85
49) Acenaphthylene	14.392	152	17697	3.989	ng		98
50) Dimethylphthalate	14.116	163	15414	3.774	ng	#	98
51) 2,6-Dinitrotoluene	14.240	165	3288	3.704	ng	#	75
52) Acenaphthene	14.733	154	10228	3.811	ng		93
53) 3-Nitroaniline	14.575	138	2598	3.301	ng	#	85
54) 2,4-Dinitrophenol	14.810	184	56	0.135	ng	#	11
55) Dibenzofuran	15.068	168	18348	3.893	ng		98
56) 4-Nitrophenol	14.904	139	1038	2.053	ng		86
57) 2,4-Dinitrotoluene	15.033	165	4423	3.441	ng	#	79
58) Fluorene	15.714	166	15702	4.010	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.297	232	3991	3.004	ng	#	81
60) Diethylphthalate	15.479	149	14647	3.677	ng		98
61) 4-Chlorophenyl-phenyle...	15.708	204	10508	4.225	ng	#	83
62) 4-Nitroaniline	15.726	138	2550	3.102	ng		95
63) Azobenzene	16.002	77	10586	3.526	ng		88
65) 4,6-Dinitro-2-methylph...	15.808	198	1683	1.982	ng	#	65
66) n-Nitrosodiphenylamine	15.914	169	13998	3.845	ng		94
67) 4-Bromophenyl-phenylether	16.602	248	7781	4.042	ng	#	86
68) Hexachlorobenzene	16.731	284	9121	4.151	ng	#	92
69) Atrazine	16.860	200	6619	4.117	ng		90
70) Pentachlorophenol	17.089	266	1490	1.688	ng	#	85
71) Phenanthrene	17.459	178	27708	3.838	ng		98
72) Anthracene	17.547	178	28443	4.023	ng		100
73) Carbazole	17.818	167	22462	3.751	ng		99
74) Di-n-butylphthalate	18.370	149	24365	3.436	ng		99
75) Fluoranthene	19.469	202	37926	3.863	ng		96
77) Benzidine	19.639	184	16779	5.066	ng		98
78) Pyrene	19.827	202	39825	3.668	ng		99
80) Butylbenzylphthalate	20.708	149	10893	3.096	ng	#	79
81) Benzo(a)anthracene	21.666	228	47342	3.967	ng		99
82) 3,3'-Dichlorobenzidine	21.578	252	16998	4.660	ng	#	97
83) Chrysene	21.731	228	42203	3.739	ng		96
84) Bis(2-ethylhexyl)phtha...	21.566	149	15804	3.166	ng	#	87
85) Di-n-octyl phthalate	22.777	149	27487	3.199	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.634	276	55961	3.814	ng	#	96
88) Benzo(b)fluoranthene	23.893	252	46872	4.053	ng	#	97
89) Benzo(k)fluoranthene	23.958	252	46218	4.029	ng	#	94
90) Benzo(a)pyrene	24.763	252	44378	4.485	ng	#	95
91) Dibenzo(a,h)anthracene	28.682	278	48207	4.011	ng		97
92) Benzo(g,h,i)perylene	29.774	276	47484	3.961	ng	#	94

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

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