Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052373.D
Acq On : 11 Feb 2022 17:05
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 12 01:32:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 12 01:31:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.231	152	21024	20.000	ng		0.00
21) Naphthalene-d8	11.063	136	90242	20.000	ng	#	0.00
39) Acenaphthene-d10	14.875	164	68192	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	173975	20.000	ng		0.00
76) Chrysene-d12	21.936	240	188051	20.000	ng		0.00
86) Perylene-d12	25.414	264	185320	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.758	112	193573	160.469	ng		0.00
7) Phenol-d6	7.373	99	286505	153.932	ng		0.00
23) Nitrobenzene-d5	9.400	82	174484	84.033	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	161543	164.892	ng		0.00
45) 2-Fluorobiphenyl	13.495	172	430367	87.695	ng		0.00
79) Terphenyl-d14	20.215	244	912707	85.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	2525	4.546	ng		86
3) Pyridine	4.007	79	4959m	3.078	ng		
4) n-Nitrosodimethylamine	3.908	42	2760	3.318	ng	#	56
6) Aniline	7.538	93	8887	4.110	ng		94
8) 2-Chlorophenol	7.791	128	5343	4.026	ng		81
9) Benzaldehyde	7.344	77	6542	5.726	ng	#	85
10) Phenol	7.397	94	7016	3.794	ng	#	70
11) bis(2-Chloroethyl)ether	7.626	93	5510	3.898	ng		92
12) 1,3-Dichlorobenzene	8.120	146	5765	3.813	ng		96
13) 1,4-Dichlorobenzene	8.261	146	6400m	4.152	ng		
14) 1,2-Dichlorobenzene	8.589	146	5763	3.791	ng		93
15) Benzyl Alcohol	8.460	79	5467	3.539	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.748	45	7961	3.900	ng		98
17) 2-Methylphenol	8.678	107	4666	3.824	ng	#	77
18) Hexachloroethane	9.330	117	1974	3.683	ng	#	76
19) n-Nitroso-di-n-propyla...	9.030	70	5527	3.939	ng	#	83
20) 3+4-Methylphenols	9.001	107	6174	3.536	ng		89
22) Acetophenone	9.048	105	9272	3.888	ng	#	93
24) Nitrobenzene	9.447	77	8164	4.145	ng	#	83
25) Isophorone	9.964	82	14782	4.184	ng	#	90
26) 2-Nitrophenol	10.164	139	3207	3.842	ng	#	82
27) 2,4-Dimethylphenol	10.223	122	5407	4.374	ng	#	77
28) bis(2-Chloroethoxy)met...	10.446	93	7967	3.974	ng	#	87
29) 2,4-Dichlorophenol	10.710	162	4634	3.128	ng		96
30) 1,2,4-Trichlorobenzene	10.927	180	6229	3.601	ng	#	79
31) Naphthalene	11.115	128	19252	4.069	ng	#	95
32) Benzoic acid	10.346	122	839m	1.156	ng		
33) 4-Chloroaniline	11.215	127	7795	3.947	ng	#	90
34) Hexachlorobutadiene	11.403	225	4425	3.787	ng		95
35) Caprolactam	11.950	113	1831	3.391	ng	#	58
36) 4-Chloro-3-methylphenol	12.331	107	6208	3.683	ng		94
37) 2-Methylnaphthalene	12.713	142	14150	4.027	ng		96
38) 1-Methylnaphthalene	12.931	142	13744	4.037	ng	#	94
40) 1,2,4,5-Tetrachloroben...	13.078	216	9006	4.015	ng	#	95
41) Hexachlorocyclopentadiene	13.054	237	1490	1.573	ng	#	74
43) 2,4,6-Trichlorophenol	13.313	196	5324	3.629	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	5433	3.418	ng	#	86
46) 1,1'-Biphenyl	13.706	154	20897	4.179	ng		93
47) 2-Chloronaphthalene	13.759	162	15343	3.983	ng		95
48) 2-Nitroaniline	13.947	65	4912	3.581	ng	#	83
49) Acenaphthylene	14.599	152	26132	4.167	ng		96
50) Dimethylphthalate	14.305	163	20455	3.916	ng	#	98
51) 2,6-Dinitrotoluene	14.429	165	4215	3.739	ng		93
52) Acenaphthene	14.934	154	15414	3.753	ng		93
53) 3-Nitroaniline	14.769	138	4097	3.497	ng		91
54) 2,4-Dinitrophenol	14.987	184	296	0.484	ng	#	46
55) Dibenzofuran	15.269	168	25921	4.013	ng	#	98
56) 4-Nitrophenol	15.092	139	2460	2.796	ng	#	77
57) 2,4-Dinitrotoluene	15.228	165	6041	3.765	ng	#	86
58) Fluorene	15.921	166	20965	4.066	ng	#	93
59) 2,3,4,6-Tetrachlorophenol	15.498	232	5173	3.406	ng	#	96
60) Diethylphthalate	15.662	149	21664	4.105	ng		95
61) 4-Chlorophenyl-phenyle...	15.897	204	11571	3.940	ng		95
62) 4-Nitroaniline	15.927	138	4738	3.841	ng	#	81
63) Azobenzene	16.197	77	20982	3.884	ng		93
65) 4,6-Dinitro-2-methylph...	15.997	198	2023	1.933	ng		89
66) n-Nitrosodiphenylamine	16.115	169	18031	3.762	ng		89
67) 4-Bromophenyl-phenylether	16.796	248	8125	3.840	ng		84
68) Hexachlorobenzene	16.931	284	8226	3.585	ng		95
69) Atrazine	17.049	200	7526	3.883	ng		86
70) Pentachlorophenol	17.284	266	2160m	1.924	ng		
71) Phenanthrene	17.665	178	35153	3.920	ng		99
72) Anthracene	17.754	178	35106	3.994	ng		98
73) Carbazole	18.018	167	32169	3.753	ng		98
74) Di-n-butylphthalate	18.558	149	37586	4.025	ng		99
75) Fluoranthene	19.669	202	46346	4.058	ng		99
77) Benzidine	19.833	184	21017	5.230	ng		99
78) Pyrene	20.027	202	48419	3.848	ng		97
80) Butylbenzylphthalate	20.896	149	16323	3.734	ng		95
81) Benzo(a)anthracene	21.913	228	49077	3.944	ng		97
82) 3,3'-Dichlorobenzidine	21.825	252	17345	3.993	ng		95
83) Chrysene	21.989	228	45389	3.849	ng		97
84) Bis(2-ethylhexyl)phtha...	21.795	149	23896	3.943	ng		98
85) Di-n-octyl phthalate	23.087	149	39034	3.841	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.414	276	49792	3.672	ng	#	58
88) Benzo(b)fluoranthene	24.298	252	46698	4.044	ng	#	90
89) Benzo(k)fluoranthene	24.368	252	45296	3.970	ng	#	95
90) Benzo(a)pyrene	25.243	252	45609	4.675	ng		99
91) Dibenzo(a,h)anthracene	29.473	278	45547	4.066	ng	#	94
92) Benzo(g,h,i)perylene	30.671	276	41719	3.795	ng		97

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

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