Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049609.D
Acq On : 2 Aug 2021 20:13
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:51 AM

Quant Time: Aug 03 01:19:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 01:17:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	29756	20.000	ng	# 0.00
21) Naphthalene-d8	10.863	136	125287	20.000	ng	#-0.01
39) Acenaphthene-d10	14.693	164	91090	20.000	ng	-0.01
64) Phenanthrene-d10	17.442	188	207551	20.000	ng	#-0.01
76) Chrysene-d12	21.724	240	204689	20.000	ng	-0.01
86) Perylene-d12	25.002	264	208513	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	158872	90.585	ng	-0.01
7) Phenol-d6	7.197	99	235600	92.238	ng	-0.01
23) Nitrobenzene-d5	9.212	82	150221	53.721	ng	-0.01
42) 2,4,6-Tribromophenol	16.185	330	124063	101.703	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	322150	50.889	ng	-0.01
79) Terphenyl-d14	20.050	244	558237	53.262	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	2983	3.754	ng	# 86
3) Pyridine	3.890	79	5119m	2.528	ng	
4) n-Nitrosodimethylamine	3.808	42	3015	3.032	ng	# 67
6) Aniline	7.362	93	9800	3.548	ng	# 88
8) 2-Chlorophenol	7.602	128	6209	3.452	ng	95
9) Benzaldehyde	7.174	77	7543	4.445	ng	91
10) Phenol	7.221	94	8380	3.444	ng	84
11) bis(2-Chloroethyl)ether	7.461	93	6064	3.638	ng	83
12) 1,3-Dichlorobenzene	7.931	146	7386	3.473	ng	93
13) 1,4-Dichlorobenzene	8.078	146	7676m	3.625	ng	
14) 1,2-Dichlorobenzene	8.401	146	6764	3.307	ng	91
15) Benzyl Alcohol	8.284	79	6413	3.072	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.572	45	6767	3.476	ng	79
17) 2-Methylphenol	8.484	107	5381	3.322	ng	91
18) Hexachloroethane	9.136	117	3096	3.762	ng	82
19) n-Nitroso-di-n-propyla...	8.848	70	6377	3.800	ng	# 76
20) 3+4-Methylphenols	8.813	107	7217	3.251	ng	88
22) Acetophenone	8.865	105	10880	3.243	ng	# 97
24) Nitrobenzene	9.259	77	9672	3.293	ng	99
25) Isophorone	9.776	82	15856	3.200	ng	# 91
26) 2-Nitrophenol	9.976	139	3062	2.872	ng	95
27) 2,4-Dimethylphenol	10.023	122	5870	3.444	ng	88
28) bis(2-Chloroethoxy)met...	10.258	93	7394	3.345	ng	# 94
29) 2,4-Dichlorophenol	10.510	162	5451	2.758	ng	92
30) 1,2,4-Trichlorobenzene	10.722	180	7532	3.374	ng	# 76
31) Naphthalene	10.916	128	20907	3.164	ng	97
32) Benzoic acid	10.175	122	419m	0.374	ng	
33) 4-Chloroaniline	11.021	127	8382	3.324	ng	# 88
34) Hexachlorobutadiene	11.192	225	5471	3.421	ng	# 75
35) Caprolactam	11.785	113	2228	3.630	ng	# 62
36) 4-Chloro-3-methylphenol	12.143	107	7369	3.161	ng	# 83
37) 2-Methylnaphthalene	12.519	142	16659	3.454	ng	91
38) 1-Methylnaphthalene	12.737	142	15185	3.293	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.883	216	9303	3.454	ng	92
41) Hexachlorocyclopentadiene	12.866	237	2746	2.284	ng	86
43) 2,4,6-Trichlorophenol	13.130	196	4972	2.830	ng	# 78

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.201	196	4905	2.581	ng	#	80
46) 1,1'-Biphenyl	13.524	154	22162	3.319	ng		97
47) 2-Chloronaphthalene	13.571	162	16542	3.225	ng		96
48) 2-Nitroaniline	13.771	65	5867	3.287	ng		88
49) Acenaphthylene	14.417	152	27862	3.350	ng		93
50) Dimethylphthalate	14.141	163	22617	3.418	ng	#	95
51) 2,6-Dinitrotoluene	14.258	165	4440	3.090	ng		94
52) Acenaphthene	14.752	154	15276	3.043	ng		94
53) 3-Nitroaniline	14.599	138	4274	2.967	ng		97
54) 2,4-Dinitrophenol	14.822	184	1129	1.867	ng	#	54
55) Dibenzofuran	15.092	168	25102	3.117	ng		92
56) 4-Nitrophenol	14.916	139	2573	2.264	ng	#	64
57) 2,4-Dinitrotoluene	15.051	165	5540	2.790	ng	#	83
58) Fluorene	15.738	166	21658	3.318	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.315	232	4971	2.861	ng	#	87
60) Diethylphthalate	15.503	149	22295	3.354	ng		92
61) 4-Chlorophenyl-phenyle...	15.733	204	11104	3.345	ng		94
62) 4-Nitroaniline	15.750	138	4376	2.886	ng	#	66
63) Azobenzene	16.020	77	23468	3.188	ng		89
65) 4,6-Dinitro-2-methylph...	15.827	198	2758	2.453	ng		96
66) n-Nitrosodiphenylamine	15.944	169	17358	2.912	ng		92
67) 4-Bromophenyl-phenylether	16.631	248	7052	3.000	ng		91
68) Hexachlorobenzene	16.749	284	8242	3.096	ng		94
69) Atrazine	16.890	200	7993	3.384	ng		93
70) Pentachlorophenol	17.095	266	2451	2.049	ng	#	65
71) Phenanthrene	17.489	178	34665	3.107	ng		97
72) Anthracene	17.577	178	33497m	3.055	ng		
73) Carbazole	17.847	167	30646	2.938	ng		97
74) Di-n-butylphthalate	18.400	149	36833	3.097	ng		96
75) Fluoranthene	19.498	202	42487	3.058	ng		92
77) Benzidine	19.674	184	20924	3.693	ng	#	95
78) Pyrene	19.856	202	42622	3.172	ng		93
80) Butylbenzylphthalate	20.738	149	15582	3.190	ng		97
81) Benzo(a)anthracene	21.707	228	41840	3.227	ng		95
82) 3,3'-Dichlorobenzidine	21.619	252	15390	4.114	ng		96
83) Chrysene	21.771	228	41152	3.291	ng		98
84) Bis(2-ethylhexyl)phtha...	21.601	149	21693	2.961	ng	#	98
85) Di-n-octyl phthalate	22.829	149	38476	3.041	ng		98
87) Indeno(1,2,3-cd)pyrene	28.738	276	47437	3.214	ng	#	57
88) Benzo(b)fluoranthene	23.957	252	41244	3.070	ng	#	93
89) Benzo(k)fluoranthene	24.021	252	41565	3.326	ng	#	98
90) Benzo(a)pyrene	24.844	252	38865	3.191	ng	#	97
91) Dibenzo(a,h)anthracene	28.797	278	39313	3.171	ng	#	91
92) Benzo(g,h,i)perylene	29.919	276	40386	3.293	ng	#	96

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

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