Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
Data File : BG049612.D
Acq On : 2 Aug 2021 22:16
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WATER-10ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:59 AM

Quant Time: Aug 03 01:20:25 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	8.037	152	31700	20.000	ng		-0.01
21) Naphthalene-d8	10.863	136	128711	20.000	ng		-0.01
39) Acenaphthene-d10	14.693	164	93233	20.000	ng		-0.01
64) Phenanthrene-d10	17.442	188	203227	20.000	ng		#-0.01
76) Chrysene-d12	21.724	240	202216	20.000	ng		-0.01
86) Perylene-d12	25.002	264	209806	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	187483	100.343	ng		-0.01
7) Phenol-d6	7.197	99	281875	103.587	ng		-0.01
23) Nitrobenzene-d5	9.212	82	199709	69.519	ng		-0.01
42) 2,4,6-Tribromophenol	16.185	330	141791	113.564	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	431399	66.581	ng		-0.01
79) Terphenyl-d14	20.056	244	753399	72.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	6250	7.384	ng		98
3) Pyridine	3.872	79	23885	11.073	ng		94
4) n-Nitrosodimethylamine	3.790	42	9889	9.336	ng	#	84
6) Aniline	7.361	93	27262	9.264	ng		91
8) 2-Chlorophenol	7.602	128	16454	8.588	ng		88
9) Benzaldehyde	7.173	77	17193	9.511	ng		88
10) Phenol	7.226	94	22508	8.684	ng		81
11) bis(2-Chloroethyl)ether	7.455	93	14844	8.360	ng		90
12) 1,3-Dichlorobenzene	7.925	146	20331	8.974	ng		95
13) 1,4-Dichlorobenzene	8.078	146	18703	8.291	ng		94
14) 1,2-Dichlorobenzene	8.401	146	18829	8.640	ng		93
15) Benzyl Alcohol	8.278	79	18510	8.322	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.566	45	17835	8.599	ng		91
17) 2-Methylphenol	8.478	107	14844	8.601	ng	#	87
18) Hexachloroethane	9.130	117	7744	8.833	ng		94
19) n-Nitroso-di-n-propyla...	8.848	70	15826	8.852	ng	#	78
20) 3+4-Methylphenols	8.812	107	20903m	8.839	ng		
22) Acetophenone	8.871	105	31603	9.169	ng	#	97
24) Nitrobenzene	9.253	77	26515	8.788	ng	#	95
25) Isophorone	9.776	82	43362	8.519	ng		95
26) 2-Nitrophenol	9.970	139	9789	8.938	ng	#	82
27) 2,4-Dimethylphenol	10.023	122	16905	9.655	ng		89
28) bis(2-Chloroethoxy)met...	10.263	93	20473	9.015	ng		92
29) 2,4-Dichlorophenol	10.510	162	17917	8.825	ng		95
30) 1,2,4-Trichlorobenzene	10.722	180	19366	8.446	ng		88
31) Naphthalene	10.915	128	56094	8.264	ng		98
32) Benzoic acid	10.134	122	9164m	7.966	ng		
33) 4-Chloroaniline	11.027	127	22979	8.871	ng	#	89
34) Hexachlorobutadiene	11.197	225	13173	8.017	ng		90
35) Caprolactam	11.779	113	5126	8.130	ng	#	82
36) 4-Chloro-3-methylphenol	12.137	107	19898	8.309	ng	#	89
37) 2-Methylnaphthalene	12.519	142	43584	8.797	ng		98
38) 1-Methylnaphthalene	12.737	142	39666	8.374	ng		99
40) 1,2,4,5-Tetrachloroben...	12.883	216	23544	8.540	ng		99
41) Hexachlorocyclopentadiene	12.866	237	10785	8.764	ng		91
43) 2,4,6-Trichlorophenol	13.124	196	14990	8.336	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	15766	8.105	ng		90
46) 1,1'-Biphenyl	13.524	154	57105	8.355	ng		96
47) 2-Chloronaphthalene	13.571	162	42569	8.108	ng		96
48) 2-Nitroaniline	13.770	65	15142	8.288	ng		94
49) Acenaphthylene	14.417	152	69573	8.174	ng	#	92
50) Dimethylphthalate	14.141	163	58323	8.611	ng		99
51) 2,6-Dinitrotoluene	14.258	165	12349	8.397	ng	#	88
52) Acenaphthene	14.757	154	40944	7.970	ng		96
53) 3-Nitroaniline	14.593	138	12170	8.253	ng		81
54) 2,4-Dinitrophenol	14.810	184	4481	7.240	ng		92
55) Dibenzofuran	15.092	168	66253	8.037	ng		93
56) 4-Nitrophenol	14.910	139	8587	7.383	ng	#	79
57) 2,4-Dinitrotoluene	15.051	165	16975	8.352	ng	#	90
58) Fluorene	15.738	166	55869	8.363	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.315	232	13941	7.840	ng		96
60) Diethylphthalate	15.503	149	62456	9.180	ng		93
61) 4-Chlorophenyl-phenyle...	15.733	204	29807	8.772	ng		98
62) 4-Nitroaniline	15.750	138	12860	8.286	ng		91
63) Azobenzene	16.026	77	61451	8.156	ng		88
65) 4,6-Dinitro-2-methylph...	15.821	198	8475	7.698	ng		85
66) n-Nitrosodiphenylamine	15.944	169	47601	8.154	ng		98
67) 4-Bromophenyl-phenylether	16.625	248	19594	8.512	ng		90
68) Hexachlorobenzene	16.749	284	21496	8.247	ng		96
69) Atrazine	16.890	200	20974	9.068	ng		99
70) Pentachlorophenol	17.095	266	9260	7.904	ng		97
71) Phenanthrene	17.483	178	89467	8.189	ng		98
72) Anthracene	17.577	178	89553	8.340	ng		96
73) Carbazole	17.847	167	81856	8.015	ng		99
74) Di-n-butylphthalate	18.399	149	100315	8.613	ng		98
75) Fluoranthene	19.492	202	107885	7.931	ng		96
77) Benzidine	19.674	184	56911	10.169	ng		98
78) Pyrene	19.856	202	113641	8.562	ng		98
80) Butylbenzylphthalate	20.737	149	42027	8.709	ng		95
81) Benzo(a)anthracene	21.707	228	105319	8.222	ng		98
82) 3,3'-Dichlorobenzidine	21.619	252	40571	10.979	ng		94
83) Chrysene	21.771	228	101669	8.231	ng		97
84) Bis(2-ethylhexyl)phtha...	21.601	149	59807	8.264	ng	#	98
85) Di-n-octyl phthalate	22.829	149	100981	8.078	ng		97
87) Indeno(1,2,3-cd)pyrene	28.744	276	124717	8.397	ng	#	57
88) Benzo(b)fluoranthene	23.951	252	107915	7.982	ng	#	90
89) Benzo(k)fluoranthene	24.021	252	107021	8.511	ng	#	99
90) Benzo(a)pyrene	24.838	252	102937	8.401	ng	#	96
91) Dibenzo(a,h)anthracene	28.803	278	104059	8.343	ng		95
92) Benzo(g,h,i)perylene	29.919	276	102716m	8.322	ng		

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

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