Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049628.D
Acq On : 3 Aug 2021 17:49
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:43 PM

Quant Time: Aug 04 01:48:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 01:47:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	25740	20.000	ng		0.00
21) Naphthalene-d8	10.862	136	103763	20.000	ng	#	0.00
39) Acenaphthene-d10	14.692	164	74953	20.000	ng		0.00
64) Phenanthrene-d10	17.442	188	165178	20.000	ng	#	0.00
76) Chrysene-d12	21.724	240	167272	20.000	ng		0.00
86) Perylene-d12	24.996	264	175102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	149074	103.819	ng		0.00
7) Phenol-d6	7.197	99	212557	97.791	ng		0.00
23) Nitrobenzene-d5	9.212	82	152309	64.954	ng		0.00
42) 2,4,6-Tribromophenol	16.184	330	112766	102.355	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	331992	64.450	ng		0.00
79) Terphenyl-d14	20.056	244	557926	60.578	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	5667	9.031	ng	#	75
3) Pyridine	3.878	79	12205m	7.096	ng		
4) n-Nitrosodimethylamine	3.795	42	6618	7.156	ng	#	92
6) Aniline	7.361	93	20418	8.863	ng	#	84
8) 2-Chlorophenol	7.602	128	12365	7.898	ng		83
9) Benzaldehyde	7.179	77	14741	10.164	ng		99
10) Phenol	7.220	94	17124	8.131	ng		92
11) bis(2-Chloroethyl)ether	7.455	93	11240	7.904	ng		80
12) 1,3-Dichlorobenzene	7.931	146	14313	7.983	ng		95
13) 1,4-Dichlorobenzene	8.078	146	14364	7.915	ng		95
14) 1,2-Dichlorobenzene	8.401	146	13515	7.861	ng		93
15) Benzyl Alcohol	8.278	79	14215	7.787	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.565	45	14520	8.986	ng		95
17) 2-Methylphenol	8.483	107	11318	8.161	ng		97
18) Hexachloroethane	9.129	117	6130	8.786	ng		97
19) n-Nitroso-di-n-propyla...	8.847	70	12728	8.751	ng	#	87
20) 3+4-Methylphenols	8.812	107	15458	7.936	ng		95
22) Acetophenone	8.871	105	22758	8.073	ng	#	96
24) Nitrobenzene	9.253	77	19752	7.983	ng		95
25) Isophorone	9.775	82	31745	7.587	ng		96
26) 2-Nitrophenol	9.969	139	6712	7.108	ng		86
27) 2,4-Dimethylphenol	10.028	122	12154	8.709	ng		99
28) bis(2-Chloroethoxy)met...	10.257	93	16673	9.109	ng		99
29) 2,4-Dichlorophenol	10.510	162	13594	7.937	ng		94
30) 1,2,4-Trichlorobenzene	10.721	180	15576	8.260	ng	#	95
31) Naphthalene	10.915	128	41791	7.690	ng		97
32) Benzoic acid	10.157	122	3037m	3.365	ng		
33) 4-Chloroaniline	11.027	127	17281	8.055	ng		97
34) Hexachlorobutadiene	11.197	225	10178	7.427	ng		89
35) Caprolactam	11.779	113	4110m	7.767	ng		
36) 4-Chloro-3-methylphenol	12.143	107	14096	7.125	ng	#	86
37) 2-Methylnaphthalene	12.525	142	32525	7.945	ng		96
38) 1-Methylnaphthalene	12.736	142	31264m	8.126	ng		
40) 1,2,4,5-Tetrachloroben...	12.889	216	17046	7.718	ng	#	90
41) Hexachlorocyclopentadiene	12.860	237	7220	7.917	ng		95
43) 2,4,6-Trichlorophenol	13.124	196	10823	7.269	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	11754	7.277	ng	#	88
46) 1,1'-Biphenyl	13.523	154	43667	8.180	ng		97
47) 2-Chloronaphthalene	13.570	162	33035	7.748	ng		92
48) 2-Nitroaniline	13.770	65	11531	7.365	ng		97
49) Acenaphthylene	14.416	152	55795	8.256	ng		93
50) Dimethylphthalate	14.134	163	46391	8.203	ng	#	98
51) 2,6-Dinitrotoluene	14.264	165	9350	7.509	ng		91
52) Acenaphthene	14.757	154	30040	7.379	ng	#	81
53) 3-Nitroaniline	14.593	138	8786	7.236	ng		85
54) 2,4-Dinitrophenol	14.810	184	2959	4.186	ng	#	86
55) Dibenzofuran	15.092	168	51154	7.746	ng		96
56) 4-Nitrophenol	14.904	139	5851m	6.596	ng		
57) 2,4-Dinitrotoluene	15.057	165	12589	7.199	ng	#	82
58) Fluorene	15.738	166	41579	7.746	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.321	232	10602	7.067	ng	#	92
60) Diethylphthalate	15.497	149	46808	8.230	ng		95
61) 4-Chlorophenyl-phenyle...	15.732	204	22268	7.772	ng		97
62) 4-Nitroaniline	15.762	138	8711	6.974	ng	#	76
63) Azobenzene	16.026	77	46779	7.771	ng		85
65) 4,6-Dinitro-2-methylph...	15.826	198	5859	5.518	ng		91
66) n-Nitrosodiphenylamine	15.944	169	35841	7.679	ng		97
67) 4-Bromophenyl-phenylether	16.625	248	14850	7.634	ng		88
68) Hexachlorobenzene	16.748	284	16434	7.604	ng		92
69) Atrazine	16.889	200	16506	8.841	ng		92
70) Pentachlorophenol	17.095	266	5922	5.110	ng	#	80
71) Phenanthrene	17.489	178	65737	7.564	ng		97
72) Anthracene	17.577	178	69363	8.127	ng		98
73) Carbazole	17.847	167	61637	7.625	ng		98
74) Di-n-butylphthalate	18.399	149	74217	7.876	ng	#	95
75) Fluoranthene	19.492	202	84495	7.901	ng		98
77) Benzidine	19.674	184	41198m	9.613	ng		
78) Pyrene	19.856	202	83913m	7.358	ng		
80) Butylbenzylphthalate	20.737	149	31547	7.264	ng		96
81) Benzo(a)anthracene	21.701	228	80424	7.383	ng		99
82) 3,3'-Dichlorobenzidine	21.618	252	31612	9.939	ng		95
83) Chrysene	21.771	228	78524	7.541	ng		97
84) Bis(2-ethylhexyl)phtha...	21.601	149	44387	7.220	ng	#	94
85) Di-n-octyl phthalate	22.823	149	77237	7.437	ng		99
87) Indeno(1,2,3-cd)pyrene	28.738	276	98842	7.827	ng		97
88) Benzo(b)fluoranthene	23.950	252	83343	7.257	ng	#	96
89) Benzo(k)fluoranthene	24.021	252	81769	7.633	ng		100
90) Benzo(a)pyrene	24.843	252	79765	7.675	ng	#	91
91) Dibenzo(a,h)anthracene	28.803	278	82953	7.795	ng	#	97
92) Benzo(g,h,i)perylene	29.907	276	84991	8.152	ng		99

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

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