Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048531.D
Acq On : 31 Mar 2021 17:19
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:44 AM

Quant Time: Mar 31 17:54:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:41:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	19161	20.00	ng		-0.01
21) Naphthalene-d8	10.925	136	76022	20.00	ng		# 0.00
39) Acenaphthene-d10	14.750	164	55427	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	130531	20.00	ng		0.00
76) Chrysene-d12	21.795	240	131614	20.00	ng		#-0.01
86) Perylene-d12	25.138	264	134785	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	91675	84.47	ng		0.00
7) Phenol-d6	7.247	99	125586	79.79	ng		0.00
23) Nitrobenzene-d5	9.269	82	117855	75.06	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	60712	83.33	ng		-0.01
45) 2-Fluorobiphenyl	13.370	172	282614	75.79	ng		-0.01
79) Terphenyl-d14	20.109	244	550651	76.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	4158	9.52	ng		94
3) Pyridine	3.928	79	9305	8.50	ng	#	86
4) n-Nitrosodimethylamine	3.828	42	6063	8.48	ng	#	86
6) Aniline	7.418	93	15149	8.38	ng		96
8) 2-Chlorophenol	7.659	128	10580	8.63	ng		93
9) Benzaldehyde	7.224	77	10931	10.86	ng	#	83
10) Phenol	7.271	94	12449	7.90	ng		98
11) bis(2-Chloroethyl)ether	7.512	93	9997	9.14	ng		93
12) 1,3-Dichlorobenzene	7.988	146	13964	10.11	ng		91
13) 1,4-Dichlorobenzene	8.135	146	12974	9.31	ng		93
14) 1,2-Dichlorobenzene	8.458	146	12666m	9.49	ng		
15) Benzyl Alcohol	8.329	79	10802	8.38	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.628	45	9473	8.98	ng		92
17) 2-Methylphenol	8.534	107	8866	8.70	ng		87
18) Hexachloroethane	9.192	117	4954	9.57	ng		93
19) n-Nitroso-di-n-propyla...	8.893	70	9004	8.30	ng		92
20) 3+4-Methylphenols	8.863	107	12528	8.85	ng		94
22) Acetophenone	8.922	105	18178	9.27	ng	#	94
24) Nitrobenzene	9.310	77	15311	9.94	ng		91
25) Isophorone	9.833	82	26460	9.12	ng	#	94
26) 2-Nitrophenol	10.027	139	6328	8.94	ng		91
27) 2,4-Dimethylphenol	10.079	122	10554	9.47	ng		90
28) bis(2-Chloroethoxy)met...	10.320	93	14964	11.26	ng		93
29) 2,4-Dichlorophenol	10.561	162	11195	8.87	ng		89
30) 1,2,4-Trichlorobenzene	10.779	180	12766	8.81	ng	#	84
31) Naphthalene	10.973	128	35832	9.17	ng		95
32) Benzoic acid	10.150	122	4549m	5.31	ng		
33) 4-Chloroaniline	11.072	127	15000	9.09	ng	#	91
34) Hexachlorobutadiene	11.260	225	9517	8.99	ng		96
35) Caprolactam	11.813	113	4344m	9.44	ng		
36) 4-Chloro-3-methylphenol	12.189	107	12636	8.92	ng	#	83
37) 2-Methylnaphthalene	12.576	142	28841	9.27	ng		91
38) 1-Methylnaphthalene	12.800	142	27337	9.21	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.941	216	16619	9.67	ng		99
41) Hexachlorocyclopentadiene	12.917	237	10394	10.44	ng		91
43) 2,4,6-Trichlorophenol	13.176	196	10475	8.87	ng		85

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	10619	8.40	ng	#	86
46) 1,1'-Biphenyl	13.581	154	36700	9.06	ng		91
47) 2-Chloronaphthalene	13.622	162	28522	9.24	ng		95
48) 2-Nitroaniline	13.822	65	8849	9.02	ng		95
49) Acenaphthylene	14.468	152	44683	9.24	ng		98
50) Dimethylphthalate	14.186	163	37900	9.21	ng	#	95
51) 2,6-Dinitrotoluene	14.310	165	8501	9.03	ng		89
52) Acenaphthene	14.809	154	31008	8.86	ng		99
53) 3-Nitroaniline	14.639	138	8536	9.25	ng		95
54) 2,4-Dinitrophenol	14.844	184	3618	6.84	ng		93
55) Dibenzofuran	15.144	168	45444	8.89	ng		96
56) 4-Nitrophenol	14.944	139	6636	8.91	ng		93
57) 2,4-Dinitrotoluene	15.097	165	12248	9.20	ng		95
58) Fluorene	15.796	166	37606	8.79	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.367	232	10056	8.16	ng	#	100
60) Diethylphthalate	15.555	149	40251	9.52	ng	#	95
61) 4-Chlorophenyl-phenyle...	15.790	204	20737	9.01	ng		97
62) 4-Nitroaniline	15.802	138	8814	9.13	ng	#	81
63) Azobenzene	16.078	77	36094	8.68	ng		98
65) 4,6-Dinitro-2-methylph...	15.867	198	5922	7.55	ng		88
66) n-Nitrosodiphenylamine	15.996	169	34250	9.22	ng		97
67) 4-Bromophenyl-phenylether	16.689	248	12788	8.84	ng	#	85
68) Hexachlorobenzene	16.801	284	14669	9.71	ng		94
69) Atrazine	16.948	200	13022	8.60	ng		89
70) Pentachlorophenol	17.142	266	6530	6.95	ng		94
71) Phenanthrene	17.541	178	65594m	9.68	ng		
72) Anthracene	17.635	178	65910	9.76	ng		98
73) Carbazole	17.900	167	58082	9.07	ng		94
74) Di-n-butylphthalate	18.458	149	69225	9.68	ng		97
75) Fluoranthene	19.551	202	81278	9.68	ng		99
77) Benzidine	19.727	184	39995	8.97	ng		98
78) Pyrene	19.915	202	83863	9.27	ng		97
80) Butylbenzylphthalate	20.796	149	28279	8.41	ng		89
81) Benzo(a)anthracene	21.777	228	81617	9.28	ng		99
82) 3,3'-Dichlorobenzidine	21.689	252	31417	10.40	ng		93
83) Chrysene	21.848	228	75464	8.99	ng		98
84) Bis(2-ethylhexyl)phtha...	21.672	149	43197	9.23	ng		99
85) Di-n-octyl phthalate	22.929	149	75594	9.26	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.951	276	87519m	9.26	ng		
88) Benzo(b)fluoranthene	24.075	252	79445	9.08	ng	#	98
89) Benzo(k)fluoranthene	24.139	252	78794m	9.36	ng		
90) Benzo(a)pyrene	24.968	252	72235	8.95	ng	#	97
91) Dibenzo(a,h)anthracene	29.034	278	71025	8.81	ng		96
92) Benzo(g,h,i)perylene	30.162	276	72030	9.12	ng	#	92

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

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