Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
Data File : BG048532.D
Acq On : 31 Mar 2021 17:59
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WTR-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
4/1/2021 10:50:47 AM

Quant Time: Mar 31 18:34:51 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	8.100	152	18526	20.00	ng		0.00
21) Naphthalene-d8	10.926	136	74502	20.00	ng		# 0.00
39) Acenaphthene-d10	14.751	164	52947	20.00	ng		0.00
64) Phenanthrene-d10	17.501	188	130886	20.00	ng		# 0.00
76) Chrysene-d12	21.796	240	135839	20.00	ng		0.00
86) Perylene-d12	25.139	264	131540	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	105546	100.58	ng		0.00
7) Phenol-d6	7.242	99	145136	95.37	ng		0.00
23) Nitrobenzene-d5	9.269	82	126205	82.01	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	72076	103.56	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	309574	86.90	ng		0.00
79) Terphenyl-d14	20.109	244	612048	82.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	2146	5.08	ng		92
3) Pyridine	3.934	79	6301	5.95	ng		96
4) n-Nitrosodimethylamine	3.828	42	3741	5.41	ng	#	81
6) Aniline	7.412	93	10215	5.84	ng	#	89
8) 2-Chlorophenol	7.659	128	6092	5.14	ng		96
9) Benzaldehyde	7.230	77	6543	6.73	ng		83
10) Phenol	7.271	94	7756	5.09	ng		84
11) bis(2-Chloroethyl)ether	7.506	93	6116	5.79	ng		89
12) 1,3-Dichlorobenzene	7.988	146	7621m	5.70	ng		
13) 1,4-Dichlorobenzene	8.129	146	8294m	6.16	ng		
14) 1,2-Dichlorobenzene	8.458	146	7324	5.68	ng	#	85
15) Benzyl Alcohol	8.329	79	6821	5.47	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.623	45	5914	5.80	ng		97
17) 2-Methylphenol	8.535	107	5465	5.54	ng		89
18) Hexachloroethane	9.193	117	3208	6.41	ng	#	86
19) n-Nitroso-di-n-propyla...	8.899	70	6658	6.35	ng	#	74
20) 3+4-Methylphenols	8.858	107	7295	5.33	ng		95
22) Acetophenone	8.922	105	11178	5.82	ng	#	90
24) Nitrobenzene	9.304	77	9610m	6.36	ng		
25) Isophorone	9.833	82	15715	5.53	ng		96
26) 2-Nitrophenol	10.021	139	3920	5.65	ng	#	67
27) 2,4-Dimethylphenol	10.080	122	6036	5.53	ng		92
28) bis(2-Chloroethoxy)met...	10.315	93	8486	6.51	ng	#	96
29) 2,4-Dichlorophenol	10.562	162	7024	5.68	ng		83
30) 1,2,4-Trichlorobenzene	10.779	180	7933	5.58	ng		96
31) Naphthalene	10.973	128	22415	5.85	ng	#	92
32) Benzoic acid	10.139	122	2050m	2.44	ng		
33) 4-Chloroaniline	11.073	127	9649	5.97	ng	#	88
34) Hexachlorobutadiene	11.261	225	5789	5.58	ng		94
35) Caprolactam	11.825	113	2376	5.27	ng	#	65
36) 4-Chloro-3-methylphenol	12.195	107	7297	5.26	ng		94
37) 2-Methylnaphthalene	12.577	142	16520	5.42	ng		89
38) 1-Methylnaphthalene	12.794	142	15958	5.49	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.941	216	9027	5.50	ng		95
41) Hexachlorocyclopentadiene	12.918	237	6637	6.98	ng		81
43) 2,4,6-Trichlorophenol	13.182	196	6698	5.94	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	6208	5.14	ng	#	65
46) 1,1'-Biphenyl	13.582	154	23146	5.98	ng		92
47) 2-Chloronaphthalene	13.629	162	16873	5.72	ng		94
48) 2-Nitroaniline	13.823	65	5127	5.47	ng	#	81
49) Acenaphthylene	14.469	152	28134	6.09	ng		98
50) Dimethylphthalate	14.187	163	24297	6.18	ng	#	94
51) 2,6-Dinitrotoluene	14.310	165	5034	5.60	ng	#	88
52) Acenaphthene	14.816	154	19160	5.73	ng		92
53) 3-Nitroaniline	14.639	138	4981	5.65	ng	#	83
54) 2,4-Dinitrophenol	14.851	184	1708	3.38	ng		84
55) Dibenzofuran	15.145	168	28863	5.91	ng		91
56) 4-Nitrophenol	14.945	139	3376	4.74	ng	#	87
57) 2,4-Dinitrotoluene	15.098	165	6731	5.29	ng	#	90
58) Fluorene	15.791	166	24432	5.98	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.368	232	6458	5.48	ng	#	96
60) Diethylphthalate	15.556	149	25555	6.33	ng		97
61) 4-Chlorophenyl-phenyle...	15.785	204	12794	5.82	ng		95
62) 4-Nitroaniline	15.797	138	5582	6.05	ng		93
63) Azobenzene	16.079	77	22262	5.60	ng		93
65) 4,6-Dinitro-2-methylph...	15.861	198	3709	4.72	ng		96
66) n-Nitrosodiphenylamine	15.996	169	20247	5.44	ng	#	87
67) 4-Bromophenyl-phenylether	16.684	248	8384	5.78	ng		98
68) Hexachlorobenzene	16.801	284	9199	6.07	ng	#	90
69) Atrazine	16.942	200	8437	5.56	ng		96
70) Pentachlorophenol	17.142	266	3716	3.95	ng		97
71) Phenanthrene	17.542	178	42378	6.24	ng		97
72) Anthracene	17.636	178	40993	6.05	ng		100
73) Carbazole	17.900	167	37478	5.84	ng		98
74) Di-n-butylphthalate	18.458	149	42021	5.86	ng	#	95
75) Fluoranthene	19.551	202	48710	5.78	ng		91
77) Benzidine	19.727	184	24238	5.27	ng	#	93
78) Pyrene	19.915	202	51301	5.49	ng		98
80) Butylbenzylphthalate	20.797	149	19126	5.51	ng		98
81) Benzo(a)anthracene	21.778	228	49106	5.41	ng		98
82) 3,3'-Dichlorobenzidine	21.690	252	19994	6.41	ng	#	90
83) Chrysene	21.843	228	47495m	5.48	ng		
84) Bis(2-ethylhexyl)phtha...	21.678	149	26088	5.40	ng	#	99
85) Di-n-octyl phthalate	22.930	149	44632	5.30	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.958	276	54353	5.89	ng	#	76
88) Benzo(b)fluoranthene	24.069	252	50560	5.92	ng		93
89) Benzo(k)fluoranthene	24.140	252	47493	5.78	ng		99
90) Benzo(a)pyrene	24.974	252	43907	5.58	ng	#	89
91) Dibenzo(a,h)anthracene	29.022	278	48119	6.11	ng	#	96
92) Benzo(g,h,i)perylene	30.150	276	45768	5.94	ng		95

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

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