Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
Data File : BG045993.D
Acq On : 9 Jul 2020 13:43
Operator : CG/JU
Sample : L3216-08
Misc : LOQ-WATER-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:47:13 AM

Quant Time: Jul 09 14:26:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:56:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	139595	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	587538	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	348016	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	716424	20.00	ng		0.00
76) Chrysene-d12	21.63	240	651686	20.00	ng		0.00
86) Perylene-d12	24.78	264	656954	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	854707	99.29	ng		0.00
7) Phenol-d6	7.16	99	1265053	102.08	ng		0.00
23) Nitrobenzene-d5	9.16	82	855244	83.78	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	325151	100.67	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1658522	74.34	ng		0.00
79) Terphenyl-d14	19.98	244	1744049	59.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	45067	11.348	ng		97
3) Pyridine	3.90	79	97928	8.155	ng		96
4) n-Nitrosodimethylamine	3.82	42	40514	9.977	ng		90
6) Aniline	7.33	93	152260	9.604	ng		97
8) 2-Chlorophenol	7.57	128	86066	9.288	ng		92
9) Benzaldehyde	7.14	77	102601	13.067	ng		100
10) Phenol	7.19	94	118039	9.495	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	94598	9.202	ng		99
12) 1,3-Dichlorobenzene	7.90	146	99452	9.311	ng		99
13) 1,4-Dichlorobenzene	8.04	146	99661	9.485	ng		98
14) 1,2-Dichlorobenzene	8.36	146	94309	9.326	ng		98
15) Benzyl Alcohol	8.23	79	88525	9.110	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	125168	9.332	ng		96
17) 2-Methylphenol	8.44	107	78649	8.431	ng		97
18) Hexachloroethane	9.09	117	39278	9.716	ng		85
19) n-Nitroso-di-n-propylamine	8.80	70	83122	9.547	ng		97
20) 3+4-Methylphenols	8.76	107	106454	8.373	ng		97
22) Acetophenone	8.82	105	150346	9.579	ng	#	96
24) Nitrobenzene	9.20	77	112710	10.004	ng		98
25) Isophorone	9.73	82	217098	8.712	ng		98
26) 2-Nitrophenol	9.91	139	33743	9.189	ng		95
27) 2,4-Dimethylphenol	9.97	122	81774	9.219	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	129408	9.248	ng		95
29) 2,4-Dichlorophenol	10.45	162	75984	8.275	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	88078	8.657	ng		96
31) Naphthalene	10.85	128	293027	9.303	ng		98
32) Benzoic acid	10.04	122	31724m	6.605	ng		
33) 4-Chloroaniline	10.95	127	123026	8.741	ng		98
34) Hexachlorobutadiene	11.15	225	48516	8.167	ng		93
35) Caprolactam	11.69	113	27875	7.996	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	89728	8.580	ng		97
37) 2-Methylnaphthalene	12.46	142	214784	9.593	ng		99
38) 1-Methylnaphthalene	12.67	142	198852	9.411	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	94570	9.640	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	51652	8.873	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	56200	8.471	ng		91
44) 2,4,5-Trichlorophenol	13.13	196	63091	8.410	ng		98
46) 1,1'-Biphenyl	13.46	154	264183	10.091	ng		94
47) 2-Chloronaphthalene	13.50	162	188544	9.128	ng		98
48) 2-Nitroaniline	13.69	65	54626	11.300	ng		98
49) Acenaphthylene	14.35	152	318922	9.569	ng		98
50) Dimethylphthalate	14.08	163	236090	9.039	ng		99
51) 2,6-Dinitrotoluene	14.19	165	44310	10.934	ng		95
52) Acenaphthene	14.69	154	195301	9.291	ng		97
53) 3-Nitroaniline	14.51	138	48465	9.650	ng	#	82
54) 2,4-Dinitrophenol	14.72	184	9463	6.620	ng	#	67
55) Dibenzofuran	15.02	168	296103	9.609	ng		95
56) 4-Nitrophenol	14.81	139	38600	9.071	ng		99
57) 2,4-Dinitrotoluene	14.98	165	54274	10.839	ng		97
58) Fluorene	15.67	166	236209	9.344	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	51857m	8.953	ng		
60) Diethylphthalate	15.45	149	248562	9.075	ng		95
61) 4-Chlorophenyl-phenylether	15.67	204	110218	8.764	ng		98
62) 4-Nitroaniline	15.67	138	54727	10.138	ng		91
63) Azobenzene	15.96	77	277077	9.425	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	15640	7.454	ng		96
66) n-Nitrosodiphenylamine	15.88	169	204604	9.216	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	67287	8.409	ng		99
68) Hexachlorobenzene	16.68	284	71741	8.935	ng		98
69) Atrazine	16.83	200	67392	10.267	ng		96
70) Pentachlorophenol	17.02	266	32106	7.192	ng		99
71) Phenanthrene	17.41	178	360194	9.510	ng		96
72) Anthracene	17.50	178	376199	9.787	ng		96
73) Carbazole	17.76	167	352158	9.140	ng		95
74) Di-n-butylphthalate	18.34	149	426972	9.171	ng		97
75) Fluoranthene	19.42	202	421746	9.632	ng		94
77) Benzidine	19.59	184	217902	11.694	ng		98
78) Pyrene	19.78	202	431288	9.695	ng		94
80) Butylbenzylphthalate	20.68	149	173901	8.273	ng		96
81) Benzo(a)anthracene	21.60	228	400822	9.354	ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	148549	9.382	ng		96
83) Chrysene	21.67	228	374023	9.162	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	263404	8.632	ng		95
85) Di-n-octyl phthalate	22.75	149	425203	8.030	ng		97
87) Indeno(1,2,3-cd)pyrene	28.35	276	428086	8.907	ng	#	93
88) Benzo(b)fluoranthene	23.78	252	380079	9.114	ng		99
89) Benzo(k)fluoranthene	23.85	252	391246	9.922	ng		97
90) Benzo(a)pyrene	24.63	252	350871	8.947	ng		97
91) Dibenzo(a,h)anthracene	28.42	278	357555	9.224	ng		98
92) Benzo(g,h,i)perylene	29.46	276	356984	9.151	ng		94

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

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