Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
Data File : BG043878.D
Acq On : 2 Jan 2020 16:57
Operator : JU
Sample : K5111-08
Misc : LOQ-WATER 10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2019

Manual Integrations APPROVED
mohammad
1/3/2020 11:05:18 AM

Quant Time: Jan 02 17:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 16:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	133135	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	585816	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	373675	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	780736	20.00	ng		0.00
76) Chrysene-d12	21.58	240	704632	20.00	ng		0.00
87) Perylene-d12	24.72	264	776248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1039170	143.32	ng		0.00
7) Phenol-d6	7.13	99	1415889	139.70	ng		0.00
23) Nitrobenzene-d5	9.12	82	1068783	97.60	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	562107	143.75	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2161933	104.82	ng		0.00
79) Terphenyl-d14	19.95	244	2782998	95.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	33066	10.459	ng		99
3) Pyridine	3.83	79	89948	9.631	ng		93
4) n-Nitrosodimethylamine	3.75	42	42991	10.339	ng	#	93
6) Aniline	7.28	93	146225	10.984	ng		97
8) 2-Chlorophenol	7.52	128	92858	10.909	ng		95
9) Benzaldehyde	7.10	77	89468	13.792	ng		99
10) Phenol	7.15	94	112785	10.800	ng		96
11) bis(2-Chloroethyl)ether	7.38	93	97615	10.829	ng		99
12) 1,3-Dichlorobenzene	7.85	146	111216	11.165	ng		97
13) 1,4-Dichlorobenzene	8.00	146	108644	11.054	ng		96
14) 1,2-Dichlorobenzene	8.32	146	101042	10.711	ng		99
15) Benzyl Alcohol	8.19	79	79424	9.929	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	145089	10.404	ng		99
17) 2-Methylphenol	8.40	107	78847	10.434	ng		97
18) Hexachloroethane	9.05	117	39546	10.340	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	82284	10.901	ng		99
20) 3+4-Methylphenols	8.72	107	109563	10.393	ng		97
22) Acetophenone	8.78	105	157036	10.783	ng		98
24) Nitrobenzene	9.16	77	112262	10.351	ng		97
25) Isophorone	9.68	82	216291	10.528	ng		97
26) 2-Nitrophenol	9.87	139	48124	9.378	ng		93
27) 2,4-Dimethylphenol	9.93	122	75473	9.771	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	141214	10.310	ng		98
29) 2,4-Dichlorophenol	10.41	162	89783	9.745	ng		94
30) 1,2,4-Trichlorobenzene	10.63	180	106796	10.338	ng		97
31) Naphthalene	10.82	128	318828	11.247	ng		98
32) Benzoic acid	10.00	122	29591m	5.133	ng		
33) 4-Chloroaniline	10.91	127	133480	9.872	ng		99
34) Hexachlorobutadiene	11.11	225	62117	9.848	ng		94
35) Caprolactam	11.66	113	29768	8.679	ng		91
36) 4-Chloro-3-methylphenol	12.04	107	97874	9.979	ng		97
37) 2-Methylnaphthalene	12.42	142	236525	11.082	ng		95
38) 1-Methylnaphthalene	12.64	142	225498	11.148	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	114836	10.485	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	60916	10.728	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	67944	9.016	ng		96
44) 2,4,5-Trichlorophenol	13.09	196	76909	9.895	ng		99
46) 1,1'-Biphenyl	13.43	154	300948	11.233	ng		99
47) 2-Chloronaphthalene	13.46	162	232170	10.724	ng		95
48) 2-Nitroaniline	13.66	65	59880	8.598	ng		92
49) Acenaphthylene	14.31	152	359394	11.550	ng		95
50) Dimethylphthalate	14.05	163	298147	11.237	ng		95
51) 2,6-Dinitrotoluene	14.16	165	59986	10.003	ng		97
52) Acenaphthene	14.66	154	223829	10.257	ng		96
53) 3-Nitroaniline	14.48	138	60646	8.905	ng		100
54) 2,4-Dinitrophenol	14.69	184	14614	5.406	ng	#	84
55) Dibenzofuran	14.99	168	355929	11.848	ng		95
56) 4-Nitrophenol	14.79	139	47169	9.039	ng		99
57) 2,4-Dinitrotoluene	14.94	165	76805	9.412	ng		88
58) Fluorene	15.64	166	276385	11.608	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	69454	10.392	ng		96
60) Diethylphthalate	15.41	149	294890	11.112	ng		95
61) 4-Chlorophenyl-phenylether	15.63	204	139783	10.812	ng		98
62) 4-Nitroaniline	15.64	138	65037	9.671	ng		95
63) Azobenzene	15.93	77	276684	11.242	ng		96
65) 4,6-Dinitro-2-methylphenol	15.71	198	29670	7.814	ng		96
66) n-Nitrosodiphenylamine	15.84	169	244852	10.650	ng		100
67) 4-Bromophenyl-phenylether	16.53	248	87443	9.958	ng		98
68) Hexachlorobenzene	16.65	284	93356	9.867	ng		100
69) Atrazine	16.79	200	75734	10.134	ng		98
70) Pentachlorophenol	16.99	266	40462	7.758	ng		90
71) Phenanthrene	17.38	178	439478	11.736	ng		94
72) Anthracene	17.47	178	440492	11.902	ng		94
73) Carbazole	17.73	167	396450	11.597	ng		95
74) Di-n-butylphthalate	18.31	149	490390	11.235	ng	#	94
75) Fluoranthene	19.39	202	507645	11.853	ng		92
77) Benzidine	19.56	184	205272	11.590	ng		99
78) Pyrene	19.75	202	525944m	11.435	ng		
80) Butylbenzylphthalate	20.64	149	207386	9.471	ng		97
81) Benzo(a)anthracene	21.57	228	491959	11.260	ng		91
82) 3,3'-Dichlorobenzidine	21.48	252	179531	10.401	ng		97
83) Chrysene	21.63	228	469418	11.307	ng		92
84) Bis(2-ethylhexyl)phthalate	21.50	149	313407	10.373	ng		95
85) Di-n-octyl phthalate	22.68	149	511407	10.068	ng		97
86) Indeno(1,2,3-cd)pyrene	28.25	276	543900	9.640	ng		98
88) Benzo(b)fluoranthene	23.72	252	477884	10.414	ng		94
89) Benzo(k)fluoranthene	23.79	252	497580	11.402	ng		98
90) Benzo(a)pyrene	24.56	252	443465	10.239	ng		96
91) Dibenzo(a,h)anthracene	28.32	278	454919	10.458	ng		97
92) Benzo(g,h,i)perylene	29.35	276	450890	10.436	ng		97

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

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