Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
Data File : BG043877.D
Acq On : 2 Jan 2020 16:18
Operator : JU
Sample : K5111-07
Misc : LOD-MDL WATER 8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/3/2020 11:05:15 AM

Quant Time: Jan 02 17:50:49 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	7.96	152	122161	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	546958	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	362670	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	787817	20.00	ng		0.00
76) Chrysene-d12	21.59	240	703707	20.00	ng		0.00
87) Perylene-d12	24.71	264	778697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	933947	140.38	ng		0.00
7) Phenol-d6	7.12	99	1293603	139.10	ng		0.00
23) Nitrobenzene-d5	9.12	82	1003665	98.16	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	548343	144.48	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	2118194	105.82	ng		0.00
79) Terphenyl-d14	19.95	244	2838784	97.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	22600	7.791	ng		100
3) Pyridine	3.83	79	59315	6.921	ng		90
4) n-Nitrosodimethylamine	3.75	42	28171	7.383	ng	#	95
6) Aniline	7.29	93	95504	7.818	ng		98
8) 2-Chlorophenol	7.53	128	59959	7.677	ng		97
9) Benzaldehyde	7.10	77	59535	10.002	ng		96
10) Phenol	7.15	94	72654	7.582	ng		95
11) bis(2-Chloroethyl)ether	7.38	93	64344	7.779	ng		97
12) 1,3-Dichlorobenzene	7.86	146	69443	7.598	ng		99
13) 1,4-Dichlorobenzene	8.00	146	71124	7.887	ng		98
14) 1,2-Dichlorobenzene	8.31	146	65102	7.521	ng		94
15) Benzyl Alcohol	8.19	79	52815	7.196	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	95569	7.468	ng		98
17) 2-Methylphenol	8.40	107	50134	7.230	ng		94
18) Hexachloroethane	9.05	117	26729	7.617	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	51541	7.442	ng	#	96
20) 3+4-Methylphenols	8.73	107	70155	7.253	ng		98
22) Acetophenone	8.78	105	97792	7.192	ng	#	98
24) Nitrobenzene	9.15	77	74111	7.319	ng		97
25) Isophorone	9.68	82	140859	7.343	ng		99
26) 2-Nitrophenol	9.87	139	30281	6.320	ng		91
27) 2,4-Dimethylphenol	9.93	122	40383	5.600	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	91801	7.179	ng		97
29) 2,4-Dichlorophenol	10.41	162	56397	6.556	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	70141	7.272	ng		98
31) Naphthalene	10.81	128	212078	8.013	ng		97
32) Benzoic acid	9.99	122	13132m	2.440	ng		
33) 4-Chloroaniline	10.91	127	86154	6.824	ng		97
34) Hexachlorobutadiene	11.12	225	40750	6.920	ng		98
35) Caprolactam	11.65	113	21338	6.663	ng		95
36) 4-Chloro-3-methylphenol	12.03	107	63624	6.948	ng		97
37) 2-Methylnaphthalene	12.42	142	157287	7.893	ng		97
38) 1-Methylnaphthalene	12.64	142	154102	8.160	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	78948	7.427	ng		99

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Quant Time: Jan 02 17:50:49 2020
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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	38262	6.943	ng		93
43) 2,4,6-Trichlorophenol	13.02	196	45083	6.164	ng		99
44) 2,4,5-Trichlorophenol	13.09	196	54769	7.260	ng		94
46) 1,1'-Biphenyl	13.43	154	206640	7.947	ng		99
47) 2-Chloronaphthalene	13.47	162	158487	7.543	ng		95
48) 2-Nitroaniline	13.66	65	40317	5.965	ng		98
49) Acenaphthylene	14.31	152	254516	8.428	ng		92
50) Dimethylphthalate	14.04	163	204658	7.948	ng		97
51) 2,6-Dinitrotoluene	14.15	165	42116	7.236	ng		96
52) Acenaphthene	14.65	154	156279	7.379	ng		98
53) 3-Nitroaniline	14.48	138	42120	6.373	ng		96
54) 2,4-Dinitrophenol	14.68	184	9094	3.466	ng	#	72
55) Dibenzofuran	14.99	168	251510	8.626	ng		94
56) 4-Nitrophenol	14.79	139	32167	6.351	ng		99
57) 2,4-Dinitrotoluene	14.94	165	52867	6.675	ng	#	93
58) Fluorene	15.64	166	196900	8.521	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	45511	7.016	ng		99
60) Diethylphthalate	15.41	149	209935	8.151	ng	#	94
61) 4-Chlorophenyl-phenylether	15.64	204	99346	7.917	ng		98
62) 4-Nitroaniline	15.64	138	43587	6.678	ng		92
63) Azobenzene	15.93	77	198030	8.291	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	19256	5.026	ng		93
66) n-Nitrosodiphenylamine	15.85	169	177461	7.649	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	59905	6.761	ng		96
68) Hexachlorobenzene	16.65	284	67261	7.045	ng		91
69) Atrazine	16.79	200	54761	7.261	ng		100
70) Pentachlorophenol	16.99	266	23724	4.508	ng		90
71) Phenanthrene	17.38	178	321631	8.512	ng		93
72) Anthracene	17.47	178	320130	8.572	ng		95
73) Carbazole	17.73	167	289575	8.394	ng		93
74) Di-n-butylphthalate	18.31	149	354861	8.057	ng	#	94
75) Fluoranthene	19.38	202	377318	8.731	ng		92
77) Benzidine	19.56	184	134072	7.580	ng		99
78) Pyrene	19.75	202	384915	8.380	ng		92
80) Butylbenzylphthalate	20.64	149	143716	6.572	ng		95
81) Benzo(a)anthracene	21.56	228	357120	8.184	ng		92
82) 3,3'-Dichlorobenzidine	21.48	252	128257	7.440	ng		99
83) Chrysene	21.63	228	339438	8.187	ng		92
84) Bis(2-ethylhexyl)phthalate	21.50	149	217252	7.200	ng		92
85) Di-n-octyl phthalate	22.69	149	348927	6.878	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	381911	6.778	ng		99
88) Benzo(b)fluoranthene	23.72	252	348191	7.564	ng		98
89) Benzo(k)fluoranthene	23.78	252	348602	7.963	ng		95
90) Benzo(a)pyrene	24.56	252	315457	7.260	ng		95
91) Dibenzo(a,h)anthracene	28.32	278	321318	7.364	ng		94
92) Benzo(g,h,i)perylene	29.34	276	318265	7.343	ng		99

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

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