Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041007.D
Acq On : 1 Jun 2019 11:43
Operator : HP/JU
Sample : PB120101BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Manual Integrations APPROVED
mohammad
6/3/2019 8:50:50 AM

Quant Time: Jun 03 02:26:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21686	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	81774	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	58210	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	152604	20.00	ng		0.00
76) Chrysene-d12	21.78	240	153101	20.00	ng		0.00
87) Perylene-d12	25.11	264	160088	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	208361	173.25	ng		0.00
7) Phenol-d6	7.27	99	298486	160.71	ng		0.00
23) Nitrobenzene-d5	9.30	82	178736	97.03	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	146416	169.43	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	403836	99.91	ng		-0.01
79) Terphenyl-d14	20.09	244	773463	107.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48292	88.491	ng		95
3) Pyridine	3.92	79	126529	78.356	ng		98
4) n-Nitrosodimethylamine	3.85	42	67324	89.832	ng	#	92
6) Aniline	7.44	93	136304	54.980	ng		99
8) 2-Chlorophenol	7.68	128	135164	94.272	ng		96
9) Benzaldehyde	7.25	77	60411	54.525	ng		91
10) Phenol	7.29	94	181949	91.365	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	125784	87.066	ng		96
12) 1,3-Dichlorobenzene	8.01	146	148119	86.496	ng		97
13) 1,4-Dichlorobenzene	8.16	146	149756	86.396	ng		96
14) 1,2-Dichlorobenzene	8.48	146	143530	85.282	ng		97
15) Benzyl Alcohol	8.36	79	150696	87.710	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	197683	83.739	ng		100
17) 2-Methylphenol	8.55	107	126795	87.936	ng		99
18) Hexachloroethane	9.20	117	58100	86.967	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	117985	82.546	ng		95
20) 3+4-Methylphenols	8.88	107	170148	85.189	ng		95
22) Acetophenone	8.95	105	219736	95.791	ng	#	99
24) Nitrobenzene	9.34	77	184742	98.415	ng		98
25) Isophorone	9.86	82	337571	96.297	ng		99
26) 2-Nitrophenol	10.05	139	79825	103.151	ng		90
27) 2,4-Dimethylphenol	10.09	122	137939	107.926	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	173955	91.942	ng		97
29) 2,4-Dichlorophenol	10.58	162	156764	96.588	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	170746	92.479	ng		97
31) Naphthalene	11.00	128	424899	96.776	ng		99
32) Benzoic acid	10.22	122	83152	77.629	ng		96
33) 4-Chloroaniline	11.10	127	99480	48.833	ng		98
34) Hexachlorobutadiene	11.25	225	129533	91.690	ng		100
35) Caprolactam	11.88	113	49456	92.275	ng	#	88
36) 4-Chloro-3-methylphenol	12.20	107	173836	93.783	ng		92
37) 2-Methylnaphthalene	12.59	142	317061	93.763	ng		99
38) 1-Methylnaphthalene	12.81	142	301379m	94.580	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	232973	99.299	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	279096	206.752	ng		94
43) 2,4,6-Trichlorophenol	13.19	196	147810	97.386	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	161622	100.970	ng		97
46) 1,1'-Biphenyl	13.59	154	429989	99.793	ng		100
47) 2-Chloronaphthalene	13.63	162	353410	95.541	ng		97
48) 2-Nitroaniline	13.84	65	129833	97.837	ng		99
49) Acenaphthylene	14.48	152	551050	98.980	ng		99
50) Dimethylphthalate	14.20	163	463859	94.137	ng		99
51) 2,6-Dinitrotoluene	14.33	165	101783	95.804	ng		91
52) Acenaphthene	14.82	154	327381	97.070	ng		96
53) 3-Nitroaniline	14.66	138	72318	68.072	ng		99
54) 2,4-Dinitrophenol	14.86	184	111628	149.164	ng		93
55) Dibenzofuran	15.15	168	558579	98.429	ng		96
56) 4-Nitrophenol	14.96	139	163825	224.820	ng		96
57) 2,4-Dinitrotoluene	15.11	165	151123	100.699	ng	#	97
58) Fluorene	15.80	166	442117	97.825	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	165314	105.089	ng		99
60) Diethylphthalate	15.55	149	477427	94.941	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	276987	94.291	ng		99
62) 4-Nitroaniline	15.83	138	104346	92.776	ng		96
63) Azobenzene	16.07	77	452356	98.973	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	82006	90.927	ng		95
66) n-Nitrosodiphenylamine	16.00	169	404259	94.236	ng		97
67) 4-Bromophenyl-phenylether	16.68	248	182271	88.505	ng		98
68) Hexachlorobenzene	16.79	284	192230	87.657	ng		100
69) Atrazine	16.94	200	176553	106.661	ng		98
70) Pentachlorophenol	17.14	266	229180	188.960	ng		98
71) Phenanthrene	17.54	178	764489	96.175	ng		99
72) Anthracene	17.63	178	790965	100.891	ng		99
73) Carbazole	17.90	167	679316	100.986	ng		99
74) Di-n-butylphthalate	18.43	149	797460	95.383	ng		99
75) Fluoranthene	19.54	202	1004733	102.333	ng		99
77) Benzidine	19.72	184	356302	97.556	ng		98
78) Pyrene	19.90	202	1001098	100.587	ng		99
80) Butylbenzylphthalate	20.77	149	379878	98.081	ng		99
81) Benzo(a)anthracene	21.75	228	967928	94.975	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	241869	67.476	ng		100
83) Chrysene	21.82	228	955195	97.941	ng		97
84) Bis(2-ethylhexyl)phthalate	21.62	149	514718	94.405	ng		98
85) Di-n-octyl phthalate	22.87	149	877607	96.648	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1138358	95.285	ng	#	99
88) Benzo(b)fluoranthene	24.05	252	989367	101.893	ng		100
89) Benzo(k)fluoranthene	24.12	252	950551	98.927	ng		99
90) Benzo(a)pyrene	24.96	252	956176	103.215	ng		97
91) Dibenzo(a,h)anthracene	29.02	278	933644	100.862	ng		99
92) Benzo(g,h,i)perylene	30.17	276	950613	105.705	ng		97

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

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