Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042386.D
Acq On : 21 Aug 2019 16:46
Operator : HP/JU
Sample : K4365-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0604-COMP-BH-6MS

Manual Integrations APPROVED
Jagrut
8/22/2019 1:58:52 PM

Quant Time: Aug 21 18:05:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74523	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	307753	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	237263	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	541382	20.00	ng		0.00
76) Chrysene-d12	21.70	240	413646	20.00	ng		0.00
87) Perylene-d12	24.95	264	492247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	390969	106.29	ng		0.00
7) Phenol-d6	7.18	99	540677	108.24	ng		0.01
23) Nitrobenzene-d5	9.18	82	308404	70.48	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	319355	98.83	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	895610	63.87	ng		0.00
79) Terphenyl-d14	20.03	244	1316010	69.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	35604	22.446	ng		99
3) Pyridine	3.83	79	112391	27.662	ng		98
4) n-Nitrosodimethylamine	3.75	42	44948	32.132	ng		92
6) Aniline	7.33	93	126554	19.196	ng		99
8) 2-Chlorophenol	7.57	128	161384	36.092	ng		97
9) Benzaldehyde	7.14	77	59168	21.057	ng		98
10) Phenol	7.20	94	187968	37.011	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	131110	32.684	ng		98
12) 1,3-Dichlorobenzene	7.90	146	171352	30.110	ng		98
13) 1,4-Dichlorobenzene	8.04	146	174814	30.498	ng		98
14) 1,2-Dichlorobenzene	8.37	146	168171	30.744	ng		98
15) Benzyl Alcohol	8.25	79	127410	37.086	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	169390	30.622	ng		100
17) 2-Methylphenol	8.46	107	132443	35.269	ng		98
18) Hexachloroethane	9.10	117	55701	28.275	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	103487	32.208	ng		97
20) 3+4-Methylphenols	8.80	107	187819	36.152	ng		98
22) Acetophenone	8.84	105	223202	34.133	ng	#	98
24) Nitrobenzene	9.22	77	150945	33.855	ng		98
25) Isophorone	9.75	82	288796	33.006	ng		98
26) 2-Nitrophenol	9.94	139	77017	27.787	ng		98
27) 2,4-Dimethylphenol	10.00	122	161516	42.005	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	184169	32.677	ng		97
29) 2,4-Dichlorophenol	10.48	162	197755	38.680	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	203470	32.558	ng		98
31) Naphthalene	10.88	128	482365	33.822	ng		98
32) Benzoic acid	10.14	122	1712m	8.293	ng		
33) 4-Chloroaniline	10.99	127	123940	19.057	ng		98
34) Hexachlorobutadiene	11.17	225	130327	31.119	ng		99
35) Caprolactam	11.77	113	62102	38.111	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	182672	38.226	ng		98
37) 2-Methylnaphthalene	12.49	142	394440	34.502	ng		97
38) 1-Methylnaphthalene	12.71	142	372439	34.200	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	260836	34.107	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	99102	27.041	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	184114	35.969	ng		100
44) 2,4,5-Trichlorophenol	13.18	196	188584	35.771	ng		98
46) 1,1'-Biphenyl	13.50	154	519428	33.556	ng		98
47) 2-Chloronaphthalene	13.54	162	431724	32.715	ng		99
48) 2-Nitroaniline	13.74	65	112775	36.159	ng		98
49) Acenaphthylene	14.39	152	686234	34.591	ng		99
50) Dimethylphthalate	14.12	163	742343	44.032	ng		98
51) 2,6-Dinitrotoluene	14.24	165	132870	33.674	ng		98
52) Acenaphthene	14.73	154	401422	33.170	ng		97
53) 3-Nitroaniline	14.57	138	110291	28.427	ng		97
54) 2,4-Dinitrophenol	14.81	184	2327	7.350	ng		94
55) Dibenzofuran	15.06	168	692555	35.133	ng		98
56) 4-Nitrophenol	14.89	139	183041	65.395	ng		98
57) 2,4-Dinitrotoluene	15.03	165	187084	33.912	ng		100
58) Fluorene	15.72	166	561077	34.989	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	173755m	33.935	ng		
60) Diethylphthalate	15.48	149	558849	34.262	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	331003	34.373	ng		99
62) 4-Nitroaniline	15.73	138	152692	37.243	ng		96
63) Azobenzene	16.00	77	397478	34.969	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	6756	2.045	ng		93
66) n-Nitrosodiphenylamine	15.92	169	533839	35.239	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	235615	34.199	ng		97
68) Hexachlorobenzene	16.73	284	247248	33.502	ng		98
69) Atrazine	16.87	200	208727	40.197	ng		99
70) Pentachlorophenol	17.07	266	205575	52.329	ng		98
71) Phenanthrene	17.46	178	927307	34.392	ng		99
72) Anthracene	17.55	178	946327	35.191	ng		99
73) Carbazole	17.82	167	823678	34.481	ng		99
74) Di-n-butylphthalate	18.38	149	940398	33.749	ng		100
75) Fluoranthene	19.47	202	1038726	31.947	ng		99
77) Benzidine	19.65	184	328504	29.953	ng		99
78) Pyrene	19.84	202	1012409	39.777	ng		99
80) Butylbenzylphthalate	20.72	149	333672	33.078	ng		98
81) Benzo(a)anthracene	21.68	228	866861	34.125	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	227245	22.476	ng		99
83) Chrysene	21.75	228	842057	34.652	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	453275	32.227	ng		99
85) Di-n-octyl phthalate	22.80	149	803736	33.501	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1112287	34.282	ng	#	90
88) Benzo(b)fluoranthene	23.91	252	953946	35.258	ng		100
89) Benzo(k)fluoranthene	23.98	252	919794	34.778	ng		98
90) Benzo(a)pyrene	24.79	252	921550	35.546	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	925544	35.785	ng		99
92) Benzo(g,h,i)perylene	29.82	276	923094	35.815	ng		97

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

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