Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044664.D
Acq On : 3 Mar 2020 16:04
Operator : CG/JU
Sample : 8270-SPIKE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 04 04:08:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Manual Integrations APPROVED
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3/4/2020 2:47:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	51235m	20.00	ng		-0.07
21) Naphthalene-d8	10.61	136	212444	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	146044	20.00	ng		-0.06
64) Phenanthrene-d10	17.21	188	339555	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	333361	20.00	ng		-0.06
87) Perylene-d12	24.46	264	376754	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	71851	51.563	ng		98
3) Pyridine	3.63	79	164489	42.305	ng		100
4) n-Nitrosodimethylamine	3.55	42	82858	56.109	ng		95
6) Aniline	7.13	93	224769	42.236	ng		99
8) 2-Chlorophenol	7.38	128	204781	58.747	ng		98
9) Benzaldehyde	6.94	77	153886	59.872	ng		99
10) Phenol	7.01	94	250179	59.063	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	183120	51.425	ng		97
12) 1,3-Dichlorobenzene	7.69	146	210422	50.612	ng		97
13) 1,4-Dichlorobenzene	7.84	146	211499	50.618	ng		99
14) 1,2-Dichlorobenzene	8.16	146	203754	51.278	ng		98
15) Benzyl Alcohol	8.05	79	167063	56.673	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	239136	49.969	ng		100
17) 2-Methylphenol	8.26	107	173135	57.215	ng		96
18) Hexachloroethane	8.89	117	77604	50.821	ng		93
19) n-Nitroso-di-n-propylamine	8.62	70	138677	49.358	ng		98
20) 3+4-Methylphenols	8.59	107	232909	56.219	ng		99
22) Acetophenone	8.63	105	264310	49.554	ng	#	99
24) Nitrobenzene	9.00	77	202599	50.712	ng		99
25) Isophorone	9.53	82	389686	50.515	ng		99
26) 2-Nitrophenol	9.72	139	113739	52.496	ng		95
27) 2,4-Dimethylphenol	9.79	122	191178	62.843	ng		99
28) bis(2-Chloroethoxy)methane	10.02	93	245810	48.185	ng		100
29) 2,4-Dichlorophenol	10.27	162	201729	55.465	ng		97
30) 1,2,4-Trichlorobenzene	10.47	180	198192	47.119	ng		100
31) Naphthalene	10.66	128	574622	49.569	ng		98
32) Benzoic acid	9.97	122	70357	55.263	ng		97
33) 4-Chloroaniline	10.77	127	156075	30.568	ng		98
34) Hexachlorobutadiene	10.95	225	117863	44.619	ng		98
35) Caprolactam	11.54	113	72021m	55.315	ng		
36) 4-Chloro-3-methylphenol	11.91	107	211508	56.496	ng		98
37) 2-Methylnaphthalene	12.28	142	430523	50.251	ng		98
38) 1-Methylnaphthalene	12.49	142	408454	50.174	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	217756	44.290	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
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	12.64	237	213146	89.780	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	160544	50.290	ng	99
44) 2,4,5-Trichlorophenol	12.97	196	176663	53.871	ng	98
46) 1,1'-Biphenyl	13.29	154	561913	46.494	ng	99
47) 2-Chloronaphthalene	13.33	162	438473	46.266	ng	99
48) 2-Nitroaniline	13.53	65	133845	50.877	ng	97
49) Acenaphthylene	14.18	152	698550	49.934	ng	99
50) Dimethylphthalate	13.92	163	582370	49.405	ng	99
51) 2,6-Dinitrotoluene	14.03	165	132895	51.119	ng	95
52) Acenaphthene	14.53	154	428664	48.069	ng	99
53) 3-Nitroaniline	14.36	138	97689	34.842	ng	97
54) 2,4-Dinitrophenol	14.58	184	152584	96.343	ng	98
55) Dibenzofuran	14.86	168	679680	49.716	ng	99
56) 4-Nitrophenol	14.70	139	221333	114.763	ng	98
57) 2,4-Dinitrotoluene	14.83	165	189820	51.934	ng	95
58) Fluorene	15.51	166	538237	49.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	156880	51.949	ng	99
60) Diethylphthalate	15.29	149	584729	50.064	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	283166	48.045	ng	100
62) 4-Nitroaniline	15.53	138	141185	50.290	ng	96
63) Azobenzene	15.80	77	516662	51.978	ng	98
65) 4,6-Dinitro-2-methylphenol	15.60	198	117178	55.733	ng	99
66) n-Nitrosodiphenylamine	15.72	169	516514	48.766	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	194039	46.037	ng	98
68) Hexachlorobenzene	16.52	284	213475	44.798	ng	98
69) Atrazine	16.67	200	193068	49.307	ng	98
70) Pentachlorophenol	16.87	266	220127	93.092	ng	97
71) Phenanthrene	17.25	178	907797	48.290	ng	100
72) Anthracene	17.34	178	934807	50.459	ng	98
73) Carbazole	17.61	167	863735	51.221	ng	99
74) Di-n-butylphthalate	18.18	149	1059270	50.128	ng	98
75) Fluoranthene	19.26	202	1126036	50.599	ng	99
77) Benzidine	19.44	184	817854	71.620	ng	98
78) Pyrene	19.62	202	1130062	46.699	ng	98
80) Butylbenzylphthalate	20.52	149	505637	47.769	ng	97
81) Benzo(a)anthracene	21.42	228	1113990	47.546	ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	280026	30.253	ng	98
83) Chrysene	21.49	228	1069846	47.227	ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	712356	48.841	ng	98
85) Di-n-octyl phthalate	22.49	149	1237148	48.211	ng	98
86) Indeno(1,2,3-cd)pyrene	27.89	276	1367524	47.039	ng	99
88) Benzo(b)fluoranthene	23.52	252	1175671	47.462	ng	99
89) Benzo(k)fluoranthene	23.58	252	1132066	47.101	ng	100
90) Benzo(a)pyrene	24.33	252	1079850	46.398	ng	99
91) Dibenzo(a,h)anthracene	27.94	278	1128507	49.028	ng	99
92) Benzo(g,h,i)perylene	28.96	276	1145113	49.656	ng	100

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

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