Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024747.D
Acq On : 8 Nov 2016 2:50
Operator : UM/SJ
Sample : H5543-11MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-113-16.5-17.0MS

Manual Integrations APPROVED
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11/8/2016 4:29:36 PM

Quant Time: Nov 08 06:23:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	94512	20.00	ng		-0.01
21) Naphthalene-d8	11.09	136	377943	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	309810	20.00	ng		-0.01
63) Phenanthrene-d10	17.62	188	705432	20.00	ng		0.00
75) Chrysene-d12	21.92	240	972148	20.00	ng		-0.01
86) Perylene-d12	25.35	264	1063897	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	794351	137.75	ng		0.00
7) Phenol-d6	7.40	99	1175576	148.62	ng		0.00
23) Nitrobenzene-d5	9.44	82	810415	97.63	ng		-0.01
41) 2,4,6-Tribromophenol	16.37	330	737674	159.38	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1652225	88.64	ng		-0.01
78) Terphenyl-d14	20.20	244	2868434	88.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	83800	35.57	ng		93
3) Pyridine	4.06	79	269006	38.14	ng		91
4) n-Nitrosodimethylamine	3.98	42	164218	44.97	ng	#	85
6) Aniline	7.58	93	403749	40.29	ng		97
8) 2-Chlorophenol	7.82	128	293051	49.98	ng		95
9) Benzaldehyde	7.39	77	51978	10.63	ng		93
10) Phenol	7.43	94	456796	56.02	ng		92
11) bis(2-Chloroethyl)ether	7.67	93	311864	50.91	ng		87
12) 1,3-Dichlorobenzene	8.15	146	326021	44.92	ng		95
13) 1,4-Dichlorobenzene	8.30	146	335251	46.76	ng		96
14) 1,2-Dichlorobenzene	8.62	146	326383	47.35	ng		96
15) Benzyl Alcohol	8.50	79	371209	50.45	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	492745	43.35	ng		95
17) 2-Methylphenol	8.69	107	279699	51.77	ng		92
18) Hexachloroethane	9.35	117	123147	44.68	ng		87
19) n-Nitroso-di-n-propylamine	9.06	70	294602	50.54	ng		88
20) 3+4-Methylphenols	9.02	107	383077	52.81	ng		98
22) Acetophenone	9.09	105	500669	51.57	ng	#	92
24) Nitrobenzene	9.48	77	438174	47.45	ng		97
25) Isophorone	10.00	82	788382	51.06	ng		99
26) 2-Nitrophenol	10.19	139	177540	51.80	ng		99
27) 2,4-Dimethylphenol	10.23	122	309579	51.59	ng		96
28) bis(2-Chloroethoxy)methane	10.47	93	430898	53.94	ng		99
29) 2,4-Dichlorophenol	10.73	162	356137	56.55	ng		94
30) 1,2,4-Trichlorobenzene	10.94	180	371568	49.73	ng		99
31) Naphthalene	11.14	128	910181	48.28	ng		99
32) Benzoic acid	10.29	122	20964	4.20	ng	#	77
33) 4-Chloroaniline	11.24	127	273232	33.38	ng		96
34) Hexachlorobutadiene	11.41	225	280010	47.89	ng		95
35) Caprolactam	12.02	113	128862m	55.89	ng		
36) 4-Chloro-3-methylphenol	12.34	107	408485	53.73	ng		99
37) 2-Methylnaphthalene	12.72	142	696537	50.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	485570	46.47	ng		97
40) Hexachlorocyclopentadiene	13.05	237	639732	108.72	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	326127	51.92	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	348494	51.32	ng		95
45) 1,1'-Biphenyl	13.72	154	971657	45.20	ng		98
46) 2-Chloronaphthalene	13.76	162	788751	48.18	ng		98
47) 2-Nitroaniline	13.97	65	335776	50.09	ng		99
48) Acenaphthylene	14.61	152	1186469	47.26	ng		99
49) Dimethylphthalate	14.33	163	1652994	75.16	ng		99
50) 2,6-Dinitrotoluene	14.45	165	249252	53.08	ng		86
51) Acenaphthene	14.94	154	788735	42.14	ng		96
52) 3-Nitroaniline	14.79	138	189580	39.02	ng		96
53) 2,4-Dinitrophenol	14.99	184	153501	45.11	ng		96
54) Dibenzofuran	15.27	168	1281530	49.53	ng		98
55) 4-Nitrophenol	15.09	139	417084	98.53	ng	#	83
56) 2,4-Dinitrotoluene	15.23	165	356900	52.31	ng	#	95
57) Fluorene	15.93	166	1031078	48.06	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.50	232	379171	53.86	ng		93
59) Diethylphthalate	15.67	149	1117275	48.45	ng		100
60) 4-Chlorophenyl-phenylether	15.90	204	593106	49.26	ng		100
61) 4-Nitroaniline	15.95	138	255429	48.12	ng		94
62) Azobenzene	16.20	77	1106432	48.11	ng		96
64) 4,6-Dinitro-2-methylphenol	16.00	198	227897	46.89	ng		95
65) n-Nitrosodiphenylamine	16.12	169	970860	50.34	ng		97
66) 4-Bromophenyl-phenylether	16.80	248	425657	49.71	ng		94
67) Hexachlorobenzene	16.92	284	482647	51.01	ng	#	91
68) Atrazine	17.05	200	457964	55.36	ng		97
69) Pentachlorophenol	17.26	266	626722	100.37	ng		96
70) Phenanthrene	17.66	178	1760883	48.97	ng		99
71) Anthracene	17.75	178	1786195	49.24	ng		98
72) Carbazole	18.02	167	1635244	49.43	ng		96
73) Di-n-butylphthalate	18.55	149	1885116	49.42	ng		98
74) Fluoranthene	19.66	202	2285463	50.28	ng		98
76) Benzidine	19.83	184	1212395	52.93	ng		99
77) Pyrene	20.02	202	2323738	48.90	ng		99
79) Butylbenzylphthalate	20.88	149	975424	49.23	ng		99
80) Benzo(a)anthracene	21.89	228	2579170	48.29	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	710140	32.96	ng	#	93
82) Chrysene	21.97	228	2429904	47.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	1371932	48.41	ng		99
84) Di-n-octyl phthalate	23.03	149	2324293	49.42	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.29	276	3428516	48.83	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2730126m	47.47	ng		
88) Benzo(k)fluoranthene	24.32	252	2671878	48.11	ng		99
89) Benzo(a)pyrene	25.19	252	2672119	47.55	ng		96
90) Dibenzo(a,h)anthracene	29.36	278	2844263	46.12	ng		97
91) Benzo(g,h,i)perylene	30.54	276	2846768	46.20	ng		97

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

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