Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
Data File : BG023385.D
Acq On : 1 Aug 2016 15:52
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
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8/2/2016 5:10:28 PM

Quant Time: Aug 01 17:47:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:40:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	188248	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	885761	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	614932	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1468955	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1222291	20.00	ng		0.00
86) Perylene-d12	25.24	264	1261957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	849281	77.02	ng		0.00
7) Phenol-d6	7.28	99	1324817	78.26	ng		0.00
23) Nitrobenzene-d5	9.30	82	1373059	75.81	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	697088	109.52	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2693625	81.98	ng		0.00
78) Terphenyl-d14	20.15	244	3166568	84.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	174876	36.98	ng	#	92
3) Pyridine	3.93	79	608004	36.73	ng		95
4) n-Nitrosodimethylamine	3.85	42	217211	29.04	ng	#	63
6) Aniline	7.44	93	957942	42.36	ng		94
8) 2-Chlorophenol	7.68	128	485840	39.49	ng		99
9) Benzaldehyde	7.25	77	390758	32.13	ng		94
10) Phenol	7.31	94	710109	39.75	ng	#	78
11) bis(2-Chloroethyl)ether	7.53	93	558813	36.81	ng		96
12) 1,3-Dichlorobenzene	8.00	146	556863m	40.16	ng		
13) 1,4-Dichlorobenzene	8.16	146	560673	39.64	ng		95
14) 1,2-Dichlorobenzene	8.48	146	545319	39.97	ng	#	93
15) Benzyl Alcohol	8.36	79	511021	44.85	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	826634	34.21	ng		88
17) 2-Methylphenol	8.57	107	470825	38.56	ng	#	86
18) Hexachloroethane	9.21	117	210921	35.79	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	570802	37.49	ng		97
20) 3+4-Methylphenols	8.90	107	676137	40.73	ng		90
22) Acetophenone	8.95	105	914418	39.54	ng	#	89
24) Nitrobenzene	9.34	77	756115	35.95	ng	#	87
25) Isophorone	9.86	82	1432897	38.30	ng	#	94
26) 2-Nitrophenol	10.05	139	329985	41.54	ng	#	75
27) 2,4-Dimethylphenol	10.11	122	562821	42.03	ng		84
28) bis(2-Chloroethoxy)methane	10.34	93	850663	40.52	ng		98
29) 2,4-Dichlorophenol	10.60	162	562642	43.40	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	586531	40.94	ng		99
31) Naphthalene	11.01	128	1702226	41.36	ng		99
32) Benzoic acid	10.27	122	497960	52.41	ng	#	84
33) 4-Chloroaniline	11.11	127	832151	43.77	ng		92
34) Hexachlorobutadiene	11.28	225	378673	40.33	ng		96
35) Caprolactam	11.90	113	243567	44.18	ng		91
36) 4-Chloro-3-methylphenol	12.23	107	720317	42.29	ng	#	91
37) 2-Methylnaphthalene	12.61	142	1300312m	42.61	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	852747	42.83	ng		99
40) Hexachlorocyclopentadiene	12.95	237	492919	52.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	522309	44.67	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	539907	43.52	ng	#	96
45) 1,1'-Biphenyl	13.61	154	1784857	41.62	ng		91
46) 2-Chloronaphthalene	13.66	162	1394118	40.57	ng		96
47) 2-Nitroaniline	13.87	65	604097	41.55	ng	#	84
48) Acenaphthylene	14.51	152	2169613	41.24	ng		94
49) Dimethylphthalate	14.23	163	1795689	39.57	ng		97
50) 2,6-Dinitrotoluene	14.36	165	435378	40.97	ng	#	79
51) Acenaphthene	14.85	154	1394339	40.85	ng		99
52) 3-Nitroaniline	14.70	138	502765	46.97	ng	#	76
53) 2,4-Dinitrophenol	14.90	184	292050	46.94	ng	#	83
54) Dibenzofuran	15.18	168	1986637	41.14	ng		97
55) 4-Nitrophenol	15.01	139	398621	42.93	ng	#	77
56) 2,4-Dinitrotoluene	15.15	165	617981	41.30	ng	#	94
57) Fluorene	15.84	166	1728953	40.55	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.41	232	492063	46.86	ng		94
59) Diethylphthalate	15.59	149	1811283	38.97	ng		95
60) 4-Chlorophenyl-phenylether	15.82	204	926856	40.15	ng		98
61) 4-Nitroaniline	15.86	138	531159	47.33	ng	#	64
62) Azobenzene	16.12	77	1852204	38.43	ng		89
64) 4,6-Dinitro-2-methylphenol	15.92	198	421669	44.69	ng		92
65) n-Nitrosodiphenylamine	16.04	169	1662596	42.39	ng		94
66) 4-Bromophenyl-phenylether	16.72	248	667688	44.95	ng		96
67) Hexachlorobenzene	16.85	284	722598	48.39	ng		99
68) Atrazine	16.99	200	665622	44.25	ng		96
69) Pentachlorophenol	17.19	266	499998	54.25	ng		97
70) Phenanthrene	17.59	178	2681733	41.74	ng	#	92
71) Anthracene	17.68	178	2717404m	41.86	ng		
72) Carbazole	17.96	167	2509946	42.21	ng		94
73) Di-n-butylphthalate	18.50	149	2773215	41.80	ng		96
74) Fluoranthene	19.60	202	2900199	39.55	ng		89
76) Benzidine	19.78	184	1461370	42.51	ng		99
77) Pyrene	19.97	202	2905089	41.88	ng	#	91
79) Butylbenzylphthalate	20.84	149	1165085	38.18	ng		96
80) Benzo(a)anthracene	21.84	228	2549438	39.84	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	1087375	41.91	ng	#	96
82) Chrysene	21.91	228	2383034	38.54	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1565935	36.67	ng		98
84) Di-n-octyl phthalate	22.98	149	2658293	38.06	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	3123331	43.31	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2710237	40.43	ng	#	95
88) Benzo(k)fluoranthene	24.24	252	2609682	38.94	ng	#	94
89) Benzo(a)pyrene	25.08	252	2587207	39.38	ng	#	94
90) Dibenzo(a,h)anthracene	29.18	278	2667044	42.92	ng	#	89
91) Benzo(g,h,i)perylene	30.33	276	2695388	41.20	ng	#	89

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

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