Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025358.D
Acq On : 21 Dec 2016 15:21
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Dec 21 17:28:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 17:23:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	60316	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	248366	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	205066	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	484018	20.00	ng		0.00
75) Chrysene-d12	21.88	240	614437	20.00	ng		0.00
86) Perylene-d12	25.29	264	647882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	273073	74.20	ng		0.00
7) Phenol-d6	7.37	99	403437	79.92	ng		0.00
23) Nitrobenzene-d5	9.40	82	489845	89.80	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	284642	92.91	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1050640	85.16	ng		0.00
78) Terphenyl-d14	20.16	244	1985109	96.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	57107	37.98	ng		95
3) Pyridine	4.01	79	179731	39.93	ng		91
4) n-Nitrosodimethylamine	3.92	42	106051	45.51	ng	#	93
6) Aniline	7.53	93	266580	41.69	ng		97
8) 2-Chlorophenol	7.78	128	156635	41.86	ng		92
9) Benzaldehyde	7.36	77	138707	44.46	ng		95
10) Phenol	7.40	94	220473	42.37	ng		90
11) bis(2-Chloroethyl)ether	7.63	93	165636	42.37	ng		88
12) 1,3-Dichlorobenzene	8.10	146	190530	41.13	ng		98
13) 1,4-Dichlorobenzene	8.25	146	195406	42.71	ng		97
14) 1,2-Dichlorobenzene	8.57	146	184484	41.94	ng		97
15) Benzyl Alcohol	8.45	79	197929	42.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.73	45	311140	42.90	ng		96
17) 2-Methylphenol	8.66	107	144335	41.86	ng		93
18) Hexachloroethane	9.29	117	78573	44.67	ng		92
19) n-Nitroso-di-n-propylamine	9.02	70	166494	44.75	ng	#	98
20) 3+4-Methylphenols	8.99	107	201095	43.44	ng		97
22) Acetophenone	9.05	105	298822	46.84	ng	#	94
24) Nitrobenzene	9.44	77	265732	43.79	ng		97
25) Isophorone	9.95	82	444940	43.85	ng		98
26) 2-Nitrophenol	10.15	139	103354	45.88	ng		98
27) 2,4-Dimethylphenol	10.20	122	169174	42.90	ng		98
28) bis(2-Chloroethoxy)methane	10.43	93	217325	41.39	ng		96
29) 2,4-Dichlorophenol	10.69	162	179997	43.49	ng		96
30) 1,2,4-Trichlorobenzene	10.90	180	210469	42.87	ng		96
31) Naphthalene	11.09	128	534642	43.16	ng		96
32) Benzoic acid	10.36	122	137981	42.02	ng		99
33) 4-Chloroaniline	11.21	127	233732	43.45	ng		98
34) Hexachlorobutadiene	11.35	225	173931	45.26	ng		99
35) Caprolactam	11.99	113	67056	44.25	ng		98
36) 4-Chloro-3-methylphenol	12.32	107	224624	44.96	ng		98
37) 2-Methylnaphthalene	12.68	142	397779	44.00	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	285733	41.31	ng		99
40) Hexachlorocyclopentadiene	13.00	237	90052	23.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	181159	43.57	ng		95
43) 2,4,5-Trichlorophenol	13.37	196	188594	41.96	ng		95
45) 1,1'-Biphenyl	13.67	154	579175	40.70	ng		93
46) 2-Chloronaphthalene	13.73	162	445808	41.14	ng		100
47) 2-Nitroaniline	13.94	65	197756	44.57	ng		97
48) Acenaphthylene	14.57	152	694678	41.80	ng		98
49) Dimethylphthalate	14.28	163	637607	43.80	ng		98
50) 2,6-Dinitrotoluene	14.42	165	138662	44.62	ng		98
51) Acenaphthene	14.91	154	459726	37.11	ng		97
52) 3-Nitroaniline	14.76	138	136186	42.35	ng		97
53) 2,4-Dinitrophenol	14.99	184	84599	37.56	ng		93
54) Dibenzofuran	15.24	168	731445	42.71	ng		96
55) 4-Nitrophenol	15.08	139	103867	37.07	ng	#	88
56) 2,4-Dinitrotoluene	15.22	165	203992	45.17	ng	#	93
57) Fluorene	15.88	166	605786	42.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	201361	43.21	ng	#	93
59) Diethylphthalate	15.63	149	661003	43.31	ng		100
60) 4-Chlorophenyl-phenylether	15.86	204	344530	43.23	ng		97
61) 4-Nitroaniline	15.93	138	147813	42.07	ng	#	81
62) Azobenzene	16.16	77	646352	42.46	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	154432	46.31	ng		89
65) n-Nitrosodiphenylamine	16.09	169	552615	41.76	ng		98
66) 4-Bromophenyl-phenylether	16.76	248	254763	43.36	ng		95
67) Hexachlorobenzene	16.89	284	285748	44.01	ng	#	89
68) Atrazine	17.02	200	243126	42.84	ng		96
69) Pentachlorophenol	17.24	266	157511	36.77	ng		98
70) Phenanthrene	17.63	178	1048118	42.48	ng		95
71) Anthracene	17.72	178	1056014	42.43	ng		98
72) Carbazole	18.00	167	952471	41.96	ng		96
73) Di-n-butylphthalate	18.51	149	1167400	44.60	ng		96
74) Fluoranthene	19.62	202	1370237	43.94	ng		96
76) Benzidine	19.80	184	651318	44.99	ng		98
77) Pyrene	19.99	202	1400339	46.62	ng		99
79) Butylbenzylphthalate	20.84	149	540214	43.14	ng		99
80) Benzo(a)anthracene	21.86	228	1469631	43.54	ng		95
81) 3,3'-Dichlorobenzidine	21.76	252	573815	42.14	ng		97
82) Chrysene	21.93	228	1388705	43.20	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	753283	42.05	ng		98
84) Di-n-octyl phthalate	22.96	149	1273200	42.83	ng		95
85) Indeno(1,2,3-cd)pyrene	29.23	276	1791980	40.38	ng	#	96
87) Benzo(b)fluoranthene	24.19	252	1484272	42.38	ng	#	98
88) Benzo(k)fluoranthene	24.27	252	1457226	43.09	ng	#	95
89) Benzo(a)pyrene	25.13	252	1442418	42.15	ng		98
90) Dibenzo(a,h)anthracene	29.28	278	1542044	41.06	ng	#	97
91) Benzo(g,h,i)perylene	30.47	276	1507449	40.18	ng		98

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

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