Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010219.D
Acq On : 25 May 2017 16:20
Operator : SJ/MA
Sample : I3317-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RAV-GT-104MSD

Quant Time: May 26 05:14:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	131647	20.00	ng		-0.03
21) Naphthalene-d8	10.75	136	449482	20.00	ng		-0.04
38) Acenaphthene-d10	14.58	164	281899	20.00	ng		-0.03
63) Phenanthrene-d10	17.33	188	678487	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1050834	20.00	ng		-0.02
86) Perylene-d12	23.84	264	1132553	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	489696	67.17	ng		-0.03
7) Phenol-d6	7.13	99	373917	39.86	ng		-0.04
23) Nitrobenzene-d5	9.13	82	991820	119.05	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	719157	167.97	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	2547731	116.19	ng		-0.04
78) Terphenyl-d14	19.93	244	4156569	89.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	63539	18.97	ng	#	100
3) Pyridine	3.86	79	118237	13.19	ng	#	86
4) n-Nitrosodimethylamine	3.76	42	77104	23.77	ng		78
6) Aniline	7.30	93	301950	25.98	ng		91
8) 2-Chlorophenol	7.52	128	292538	36.88	ng		90
9) Benzaldehyde	7.10	77	98272	16.83	ng		81
10) Phenol	7.16	94	136583	13.82	ng		94
11) bis(2-Chloroethyl)ether	7.38	93	320315	43.47	ng		97
12) 1,3-Dichlorobenzene	7.83	146	425743	42.24	ng	#	90
13) 1,4-Dichlorobenzene	7.98	146	437130	42.22	ng		97
14) 1,2-Dichlorobenzene	8.30	146	421635	42.42	ng		95
15) Benzyl Alcohol	8.20	79	213602	30.10	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	274030	37.82	ng		75
17) 2-Methylphenol	8.40	107	204393	29.06	ng	#	84
18) Hexachloroethane	9.02	117	149230	44.46	ng	#	74
19) n-Nitroso-di-n-propylamine	8.75	70	324940	49.08	ng		94
20) 3+4-Methylphenols	8.73	107	250810	26.40	ng		87
22) Acetophenone	8.79	105	581267	50.45	ng	#	99
24) Nitrobenzene	9.17	77	494258	57.59	ng		93
25) Isophorone	9.68	82	786302	54.62	ng	#	94
26) 2-Nitrophenol	9.87	139	185127	51.17	ng	#	63
27) 2,4-Dimethylphenol	9.93	122	280328	42.91	ng	#	80
28) bis(2-Chloroethoxy)methane	10.16	93	434398	47.55	ng		98
29) 2,4-Dichlorophenol	10.40	162	378477	50.32	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	481027	49.43	ng		99
31) Naphthalene	10.80	128	1083986	45.08	ng		99
32) Benzoic acid	10.03	122	55505	12.47	ng	#	79
33) 4-Chloroaniline	10.94	127	329023	35.52	ng	#	82
34) Hexachlorobutadiene	11.05	225	327378	50.43	ng		95
35) Caprolactam	11.76	113	10746	4.98	ng	#	83
36) 4-Chloro-3-methylphenol	12.05	107	329069	40.40	ng		86
37) 2-Methylnaphthalene	12.40	142	851571	49.19	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	570650	52.64	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	769190	122.89	ng		96

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010219.D
Acq On : 25 May 2017 16:20
Operator : SJ/MA
Sample : I3317-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RAV-GT-104MSD

Quant Time: May 26 05:14:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	355039	55.61	ng		99
43) 2,4,5-Trichlorophenol	13.09	196	369494	52.37	ng	#	91
45) 1,1'-Biphenyl	13.41	154	1167842	50.38	ng		100
46) 2-Chloronaphthalene	13.46	162	930631	49.58	ng		97
47) 2-Nitroaniline	13.70	65	272120	56.38	ng	#	78
48) Acenaphthylene	14.31	152	1411408	50.86	ng		99
49) Dimethylphthalate	14.05	163	1254193	49.88	ng	#	98
50) 2,6-Dinitrotoluene	14.18	165	251595	52.69	ng		86
51) Acenaphthene	14.65	154	858398	49.75	ng		98
52) 3-Nitroaniline	14.53	138	182856	41.20	ng	#	65
53) 2,4-Dinitrophenol	14.72	184	324044	100.39	ng		88
54) Dibenzofuran	14.98	168	1465943	54.03	ng		96
55) 4-Nitrophenol	14.83	139	120069	33.62	ng	#	28
56) 2,4-Dinitrotoluene	14.96	165	358661	53.09	ng		85
57) Fluorene	15.63	166	1212773	51.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	353902	58.89	ng	#	100
59) Diethylphthalate	15.39	149	1131834	47.61	ng		98
60) 4-Chlorophenyl-phenylether	15.62	204	675218	50.98	ng		99
61) 4-Nitroaniline	15.69	138	194775	43.23	ng	#	13
62) Azobenzene	15.91	77	1145793	65.54	ng		88
64) 4,6-Dinitro-2-methylphenol	15.71	198	223221	53.85	ng		76
65) n-Nitrosodiphenylamine	15.84	169	1033142	50.81	ng		99
66) 4-Bromophenyl-phenylether	16.51	248	446541	51.41	ng		96
67) Hexachlorobenzene	16.60	284	499461	47.33	ng		94
68) Atrazine	16.78	200	407684	52.88	ng		97
69) Pentachlorophenol	16.97	266	618735	106.75	ng		100
70) Phenanthrene	17.37	178	1923667	50.67	ng		99
71) Anthracene	17.46	178	1999526	53.08	ng		99
72) Carbazole	17.75	167	1738685	52.13	ng		98
73) Di-n-butylphthalate	18.26	149	1939403	49.04	ng	#	97
74) Fluoranthene	19.37	202	2552178	51.78	ng		97
76) Benzidine	19.58	184	482610	24.90	ng		98
77) Pyrene	19.74	202	2648504	47.01	ng		99
79) Butylbenzylphthalate	20.61	149	981308	47.05	ng	#	83
80) Benzo(a)anthracene	21.47	228	2947381	50.89	ng		99
81) 3,3'-Dichlorobenzidine	21.41	252	974987	41.85	ng	#	97
82) Chrysene	21.52	228	2679936	48.79	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1457055	46.72	ng	#	97
84) Di-n-octyl phthalate	22.26	149	2623112	46.98	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.26	276	4437002	55.09	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	3410156	51.45	ng	#	93
88) Benzo(k)fluoranthene	23.17	252	3343077	51.48	ng	#	95
89) Benzo(a)pyrene	23.74	252	3327940	52.69	ng	#	96
90) Dibenzo(a,h)anthracene	26.27	278	3727609	52.78	ng	#	91
91) Benzo(g,h,i)perylene	27.02	276	3589638	51.87	ng	#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010219.D
Acq On : 25 May 2017 16:20
Operator : SJ/MA
Sample : I3317-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RAV-GT-104MSD

Quant Time: May 26 05:14:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration