Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010130.D
Acq On : 23 May 2017 07:46
Operator : SJ/MA
Sample : I3245-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7MS

Quant Time: May 23 13:01:17 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	7.96	152	142044	20.00	ng		-0.02
21) Naphthalene-d8	10.77	136	484920	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	296589	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	696726	20.00	ng		-0.02
75) Chrysene-d12	21.50	240	1095704	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1304762	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	306150	38.92	ng		-0.02
7) Phenol-d6	7.15	99	264514	26.13	ng		-0.02
23) Nitrobenzene-d5	9.15	82	951070	105.81	ng		-0.02
41) 2,4,6-Tribromophenol	16.08	330	407343	90.43	ng		-0.02
44) 2-Fluorobiphenyl	13.22	172	2362881	102.42	ng		-0.02
78) Terphenyl-d14	19.94	244	3890148	80.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	68601	18.98	ng	#	100
3) Pyridine	3.86	79	168493	17.42	ng		90
4) n-Nitrosodimethylamine	3.77	42	81078	23.17	ng		80
6) Aniline	7.31	93	211289	16.85	ng		95
8) 2-Chlorophenol	7.53	128	188723	22.05	ng		94
9) Benzaldehyde	7.12	77	149593	23.74	ng		85
10) Phenol	7.18	94	101094	9.48	ng		91
11) bis(2-Chloroethyl)ether	7.39	93	338142	42.53	ng		97
12) 1,3-Dichlorobenzene	7.85	146	412298	37.91	ng	#	93
13) 1,4-Dichlorobenzene	7.99	146	426310	38.16	ng		96
14) 1,2-Dichlorobenzene	8.31	146	418144	38.99	ng		96
15) Benzyl Alcohol	8.22	79	224562	29.32	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.49	45	290968	37.22	ng		77
17) 2-Methylphenol	8.42	107	183637	24.20	ng	#	85
18) Hexachloroethane	9.03	117	136670	37.74	ng	#	73
19) n-Nitroso-di-n-propylamine	8.77	70	315207	44.12	ng		90
20) 3+4-Methylphenols	8.75	107	208388	20.33	ng		90
22) Acetophenone	8.80	105	590257	47.49	ng	#	98
24) Nitrobenzene	9.19	77	515308	55.65	ng		98
25) Isophorone	9.69	82	769398	49.54	ng	#	92
26) 2-Nitrophenol	9.89	139	108842	27.89	ng	#	67
27) 2,4-Dimethylphenol	9.95	122	254409	36.10	ng	#	81
28) bis(2-Chloroethoxy)methane	10.18	93	427558	43.38	ng		100
29) 2,4-Dichlorophenol	10.42	162	224186	27.63	ng		96
30) 1,2,4-Trichlorobenzene	10.62	180	463250	44.13	ng		100
31) Naphthalene	10.82	128	1090553	42.04	ng		99
32) Benzoic acid	10.02	122	21949	4.57	ng		90
33) 4-Chloroaniline	10.96	127	129843	12.99	ng	#	85
34) Hexachlorobutadiene	11.06	225	304760	43.52	ng		99
35) Caprolactam	11.77	113	13719	5.89	ng	#	73
36) 4-Chloro-3-methylphenol	12.07	107	266189	30.29	ng		86
37) 2-Methylnaphthalene	12.42	142	846133	45.30	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	543093	47.62	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	671254	101.93	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010130.D
Acq On : 23 May 2017 07:46
Operator : SJ/MA
Sample : I3245-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7MS

Quant Time: May 23 13:01:17 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	13.03	196	195881	29.16	ng		98
43) 2,4,5-Trichlorophenol	13.10	196	214833	28.94	ng	#	92
45) 1,1'-Biphenyl	13.43	154	1156803	47.43	ng		100
46) 2-Chloronaphthalene	13.47	162	911449	46.16	ng		95
47) 2-Nitroaniline	13.71	65	186969	36.82	ng	#	82
48) Acenaphthylene	14.32	152	1399662	47.93	ng		100
49) Dimethylphthalate	14.06	163	1232486	46.59	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	243142	48.40	ng		88
51) Acenaphthene	14.66	154	855961	47.16	ng		97
52) 3-Nitroaniline	14.54	138	151803	32.51	ng	#	67
53) 2,4-Dinitrophenol	14.72	184	136493	43.99	ng	#	86
54) Dibenzofuran	14.99	168	1449084	50.77	ng		96
55) 4-Nitrophenol	14.85	139	64571	17.18	ng	#	34
56) 2,4-Dinitrotoluene	14.97	165	338339	47.60	ng	#	85
57) Fluorene	15.64	166	1201391	48.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.22	232	199178	31.50	ng	#	100
59) Diethylphthalate	15.40	149	1117369	44.67	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	667618	47.91	ng		97
61) 4-Nitroaniline	15.70	138	111272	23.48	ng	#	27
62) Azobenzene	15.92	77	1091771	59.36	ng		91
64) 4,6-Dinitro-2-methylphenol	15.72	198	108861	25.58	ng		80
65) n-Nitrosodiphenylamine	15.85	169	1001232	47.95	ng		98
66) 4-Bromophenyl-phenylether	16.52	248	438909	49.21	ng		95
67) Hexachlorobenzene	16.62	284	500546	46.19	ng		95
68) Atrazine	16.79	200	399822	50.50	ng		97
69) Pentachlorophenol	16.98	266	325799	54.74	ng		99
70) Phenanthrene	17.38	178	1887771	48.43	ng		100
71) Anthracene	17.47	178	1927998	49.84	ng		98
72) Carbazole	17.76	167	1696898	49.54	ng		98
73) Di-n-butylphthalate	18.27	149	1855266	45.69	ng	#	98
74) Fluoranthene	19.38	202	2430116	48.01	ng		97
76) Benzidine	19.59	184	675084	33.40	ng		97
77) Pyrene	19.74	202	2520536	42.91	ng		100
79) Butylbenzylphthalate	20.62	149	931632	42.84	ng	#	87
80) Benzo(a)anthracene	21.48	228	2921458	48.38	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	229291	9.44	ng	#	97
82) Chrysene	21.53	228	2672110	46.66	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1382487	42.51	ng	#	98
84) Di-n-octyl phthalate	22.27	149	2600045	44.66	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.29	276	4940904	58.83	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3758008	49.21	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	3552547	47.49	ng	#	95
89) Benzo(a)pyrene	23.76	252	3570535	49.07	ng	#	97
90) Dibenzo(a,h)anthracene	26.30	278	4183790	51.42	ng	#	93
91) Benzo(g,h,i)perylene	27.04	276	4045297	50.74	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010130.D
Acq On : 23 May 2017 07:46
Operator : SJ/MA
Sample : I3245-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-7MS

Quant Time: May 23 13:01:17 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