Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010131.D
Acq On : 23 May 2017 08:22
Operator : SJ/MA
Sample : I3245-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7MSD

Quant Time: May 23 13:06:04 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	145844	20.00	ng		-0.02
21) Naphthalene-d8	10.77	136	501375	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	317354	20.00	ng		-0.02
63) Phenanthrene-d10	17.34	188	773050	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1221904	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1334349	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	593507	73.49	ng		-0.02
7) Phenol-d6	7.15	99	464138	44.66	ng		-0.02
23) Nitrobenzene-d5	9.15	82	1027836	110.60	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	749927	155.59	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	2565058	103.91	ng		-0.02
78) Terphenyl-d14	19.94	244	4497083	83.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	79305	21.37	ng	#	100
3) Pyridine	3.86	79	166729	16.78	ng		89
4) n-Nitrosodimethylamine	3.77	42	90260	25.12	ng	#	85
6) Aniline	7.31	93	251782	19.55	ng		92
8) 2-Chlorophenol	7.53	128	332237	37.81	ng		97
9) Benzaldehyde	7.12	77	151770	23.46	ng		87
10) Phenol	7.17	94	166684	15.22	ng		88
11) bis(2-Chloroethyl)ether	7.39	93	361330	44.26	ng		97
12) 1,3-Dichlorobenzene	7.85	146	439409	39.35	ng	#	93
13) 1,4-Dichlorobenzene	7.99	146	458660	39.99	ng		96
14) 1,2-Dichlorobenzene	8.31	146	446365	40.54	ng		96
15) Benzyl Alcohol	8.22	79	242390	30.83	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.49	45	303985	37.87	ng		77
17) 2-Methylphenol	8.42	107	225321	28.91	ng	#	86
18) Hexachloroethane	9.03	117	145437	39.11	ng	#	71
19) n-Nitroso-di-n-propylamine	8.77	70	334468	45.60	ng		90
20) 3+4-Methylphenols	8.75	107	282684	26.86	ng		87
22) Acetophenone	8.80	105	607138	47.24	ng	#	96
24) Nitrobenzene	9.19	77	553407	57.80	ng		97
25) Isophorone	9.70	82	811911	50.56	ng	#	94
26) 2-Nitrophenol	9.89	139	189950	47.07	ng	#	69
27) 2,4-Dimethylphenol	9.95	122	288057	39.53	ng	#	81
28) bis(2-Chloroethoxy)methane	10.18	93	461713	45.31	ng		99
29) 2,4-Dichlorophenol	10.42	162	383479	45.71	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	482266	44.43	ng		98
31) Naphthalene	10.82	128	1152914	42.99	ng		100
32) Benzoic acid	10.04	122	61349	12.35	ng		82
33) 4-Chloroaniline	10.96	127	137543	13.31	ng	#	86
34) Hexachlorobutadiene	11.06	225	328525	45.37	ng		96
35) Caprolactam	11.77	113	16206	6.73	ng	#	78
36) 4-Chloro-3-methylphenol	12.07	107	352556	38.80	ng		85
37) 2-Methylnaphthalene	12.42	142	889936	46.08	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	577245	47.30	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	724352	102.80	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010131.D
Acq On : 23 May 2017 08:22
Operator : SJ/MA
Sample : I3245-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7MSD

Quant Time: May 23 13:06:04 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	355408	49.44	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	374138	47.11	ng	#	94
45) 1,1'-Biphenyl	13.43	154	1229238	47.10	ng		100
46) 2-Chloronaphthalene	13.47	162	969243	45.87	ng		97
47) 2-Nitroaniline	13.71	65	175839	32.36	ng	#	78
48) Acenaphthylene	14.32	152	1479746	47.36	ng		99
49) Dimethylphthalate	14.06	163	1274133	45.01	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	262546	48.84	ng		89
51) Acenaphthene	14.66	154	910447	46.87	ng		99
52) 3-Nitroaniline	14.54	138	146212	29.27	ng	#	73
53) 2,4-Dinitrophenol	14.73	184	322307	89.43	ng	#	84
54) Dibenzofuran	14.99	168	1551045	50.78	ng		98
55) 4-Nitrophenol	14.84	139	141417	35.17	ng	#	41
56) 2,4-Dinitrotoluene	14.97	165	374530	49.25	ng	#	83
57) Fluorene	15.64	166	1279839	48.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	368999	54.54	ng	#	100
59) Diethylphthalate	15.40	149	1212238	45.29	ng		98
60) 4-Chlorophenyl-phenylether	15.63	204	705657	47.32	ng		99
61) 4-Nitroaniline	15.70	138	99614	19.64	ng	#	31
62) Azobenzene	15.92	77	1169860	59.44	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	221300	46.86	ng		76
65) n-Nitrosodiphenylamine	15.85	169	1066190	46.02	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	472261	47.72	ng		93
67) Hexachlorobenzene	16.62	284	532187	44.26	ng		96
68) Atrazine	16.80	200	435999	49.63	ng		98
69) Pentachlorophenol	16.98	266	646281	97.86	ng		97
70) Phenanthrene	17.38	178	2077181	48.03	ng		99
71) Anthracene	17.47	178	2091843	48.73	ng		99
72) Carbazole	17.76	167	1885820	49.62	ng		99
73) Di-n-butylphthalate	18.27	149	2098606	46.58	ng	#	98
74) Fluoranthene	19.38	202	2742335	48.83	ng		97
76) Benzidine	19.59	184	193772	8.60	ng	#	96
77) Pyrene	19.75	202	2843312	43.40	ng		99
79) Butylbenzylphthalate	20.62	149	1059952	43.71	ng	#	86
80) Benzo(a)anthracene	21.48	228	3183739	47.28	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	205948	7.60	ng	#	96
82) Chrysene	21.53	228	2915371	45.65	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1571774	43.34	ng	#	97
84) Di-n-octyl phthalate	22.27	149	2885912	44.45	ng		97
85) Indeno(1,2,3-cd)pyrene	26.29	276	4827366	51.54	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3855624	49.37	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	3607522	47.15	ng	#	95
89) Benzo(a)pyrene	23.76	252	3610221	48.51	ng	#	96
90) Dibenzo(a,h)anthracene	26.30	278	4112120	49.42	ng	#	93
91) Benzo(g,h,i)perylene	27.04	276	3977816	48.79	ng	#	87

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010131.D
Acq On : 23 May 2017 08:22
Operator : SJ/MA
Sample : I3245-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-7MSD

Quant Time: May 23 13:06:04 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