Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020946.D
Acq On : 18 Feb 2016 21:48
Operator : SJ/UM
Sample : H1450-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-41MS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:25:20 PM

Quant Time: Feb 19 00:30:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19687	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	101571	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	63948	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	136723	20.00	ng		-0.01
75) Chrysene-d12	21.88	240	127782	20.00	ng		-0.02
86) Perylene-d12	25.25	264	119960	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	81568	69.77	ng		0.00
7) Phenol-d6	7.40	99	72441	42.40	ng		0.00
23) Nitrobenzene-d5	9.43	82	163014	105.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.35	330	106416	169.22	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	462068	101.50	ng		-0.01
78) Terphenyl-d14	20.18	244	560861	102.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	6492	15.27	ng		98
3) Pyridine	4.04	79	13439	10.69	ng		95
4) n-Nitrosodimethylamine	3.95	42	5666	17.22	ng	#	93
6) Aniline	7.57	93	17047	8.00	ng		99
8) 2-Chlorophenol	7.82	128	52059	35.65	ng		98
9) Benzaldehyde	7.38	77	13527	15.81	ng		96
10) Phenol	7.43	94	23187	12.82	ng		97
11) bis(2-Chloroethyl)ether	7.67	93	63333	43.85	ng		97
12) 1,3-Dichlorobenzene	8.15	146	63308	41.00	ng		99
13) 1,4-Dichlorobenzene	8.29	146	65509	41.84	ng		99
14) 1,2-Dichlorobenzene	8.62	146	64131	42.11	ng		95
15) Benzyl Alcohol	8.49	79	30637	28.44	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	61763	41.00	ng		98
17) 2-Methylphenol	8.69	107	38765	29.76	ng		97
18) Hexachloroethane	9.35	117	22558	41.91	ng		95
19) n-Nitroso-di-n-propylamine	9.06	70	50138	45.48	ng		99
20) 3+4-Methylphenols	9.02	107	47954	26.42	ng		97
22) Acetophenone	9.08	105	104042	42.50	ng	#	99
24) Nitrobenzene	9.48	77	68292	42.41	ng		96
25) Isophorone	9.99	82	145790	44.78	ng		97
26) 2-Nitrophenol	10.19	139	35681	42.11	ng		98
27) 2,4-Dimethylphenol	10.23	122	59093	36.39	ng		98
28) bis(2-Chloroethoxy)methane	10.47	93	96625	48.16	ng		100
29) 2,4-Dichlorophenol	10.72	162	63181	43.41	ng		97
30) 1,2,4-Trichlorobenzene	10.94	180	63827	43.54	ng		99
31) Naphthalene	11.14	128	230641	43.89	ng		99
32) Benzoic acid	10.31	122	12463	9.57	ng		94
33) 4-Chloroaniline	11.23	127	14356	6.35	ng		96
34) Hexachlorobutadiene	11.41	225	31502	42.16	ng		97
35) Caprolactam	12.00	113	3785m	6.79	ng		
36) 4-Chloro-3-methylphenol	12.34	107	66067	39.62	ng		98
37) 2-Methylnaphthalene	12.72	142	180929	49.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	75456	40.23	ng		98
40) Hexachlorocyclopentadiene	13.06	237	70696	85.66	ng		97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020946.D
Acq On : 18 Feb 2016 21:48
Operator : SJ/UM
Sample : H1450-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-41MS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:25:20 PM

Quant Time: Feb 19 00:30:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	53773	42.67	ng		97
43) 2,4,5-Trichlorophenol	13.38	196	58189	43.92	ng		99
45) 1,1'-Biphenyl	13.71	154	237308	42.07	ng		99
46) 2-Chloronaphthalene	13.76	162	175386	43.42	ng		100
47) 2-Nitroaniline	13.95	65	45395	46.93	ng		99
48) Acenaphthylene	14.60	152	312196	44.45	ng		99
49) Dimethylphthalate	14.32	163	246734	49.34	ng		100
50) 2,6-Dinitrotoluene	14.44	165	52251	48.76	ng		99
51) Acenaphthene	14.94	154	206767	48.56	ng		99
52) 3-Nitroaniline	14.77	138	11742	9.43	ng	#	99
53) 2,4-Dinitrophenol	14.97	184	44852	96.74	ng		89
54) Dibenzofuran	15.27	168	285592	50.70	ng		99
55) 4-Nitrophenol	15.06	139	28622	30.44	ng		99
56) 2,4-Dinitrotoluene	15.22	165	72920	52.65	ng		98
57) Fluorene	15.91	166	248635	47.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	51026	50.54	ng		99
59) Diethylphthalate	15.67	149	249504	48.54	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	106279	46.13	ng		97
61) 4-Nitroaniline	15.93	138	54936	43.95	ng		98
62) Azobenzene	16.19	77	202028	49.99	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	30385	44.22	ng		98
65) n-Nitrosodiphenylamine	16.11	169	197213	44.64	ng		97
66) 4-Bromophenyl-phenylether	16.79	248	66237	45.87	ng		98
67) Hexachlorobenzene	16.91	284	71068	46.25	ng		98
68) Atrazine	17.05	200	64902	48.42	ng		99
69) Pentachlorophenol	17.25	266	75192	85.36	ng		95
70) Phenanthrene	17.65	178	366909	47.13	ng		100
71) Anthracene	17.74	178	363966	46.07	ng		100
72) Carbazole	18.01	167	330347	46.59	ng		99
73) Di-n-butylphthalate	18.55	149	409269	45.02	ng		100
74) Fluoranthene	19.64	202	384324	45.70	ng		99
76) Benzidine	19.81	184	8401	2.03	ng		97
77) Pyrene	20.00	202	393496	46.68	ng		99
79) Butylbenzylphthalate	20.87	149	183372	45.44	ng		99
80) Benzo(a)anthracene	21.86	228	357561	46.87	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	28504	10.07	ng		99
82) Chrysene	21.94	228	317204	44.22	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	274612	45.90	ng		99
84) Di-n-octyl phthalate	23.00	149	458239	46.66	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	394058	47.76	ng	#	89
87) Benzo(b)fluoranthene	24.18	252	356293	48.53	ng		100
88) Benzo(k)fluoranthene	24.25	252	331517	46.09	ng		100
89) Benzo(a)pyrene	25.10	252	333927	47.74	ng		99
90) Dibenzo(a,h)anthracene	29.18	278	322922	47.47	ng		99
91) Benzo(g,h,i)perylene	30.33	276	319761	47.36	ng		98

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020946.D
Acq On : 18 Feb 2016 21:48
Operator : SJ/UM
Sample : H1450-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 19 00:30:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HW-41MS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:25:20 PM