Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021681.D
Acq On : 15 Apr 2016 10:43
Operator : UM/SJ
Sample : PB89789BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB89789BSD

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:56 PM

Quant Time: Apr 15 15:06:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28347	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	136954	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	94401	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	210030	20.00	ng		0.00
75) Chrysene-d12	21.83	240	230435	20.00	ng		0.00
86) Perylene-d12	25.15	264	220900	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	152592	89.64	ng		0.00
7) Phenol-d6	7.37	99	230107	90.50	ng		0.00
23) Nitrobenzene-d5	9.38	82	197149	73.99	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	86558	85.08	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	476792	74.00	ng		0.00
78) Terphenyl-d14	20.14	244	693496	75.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	23659	31.22	ng		84
3) Pyridine	4.04	79	72227	31.76	ng	#	88
4) n-Nitrosodimethylamine	3.95	42	38941	34.56	ng	#	82
6) Aniline	7.54	93	38425	11.43	ng		94
8) 2-Chlorophenol	7.78	128	86258	42.27	ng		96
9) Benzaldehyde	7.35	77	18077	12.29	ng		85
10) Phenol	7.39	94	121651	44.48	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	78716	35.96	ng		94
12) 1,3-Dichlorobenzene	8.10	146	82864	36.36	ng		95
13) 1,4-Dichlorobenzene	8.25	146	85317	36.77	ng		95
14) 1,2-Dichlorobenzene	8.57	146	82634	37.12	ng		95
15) Benzyl Alcohol	8.45	79	87082	44.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	157541	33.60	ng		98
17) 2-Methylphenol	8.65	107	81948	43.34	ng		93
18) Hexachloroethane	9.31	117	30522	36.15	ng	#	75
19) n-Nitroso-di-n-propylamine	9.02	70	72887	36.89	ng	#	94
20) 3+4-Methylphenols	8.98	107	114417	44.22	ng		97
22) Acetophenone	9.04	105	132222	34.66	ng	#	96
24) Nitrobenzene	9.42	77	103318	36.21	ng		96
25) Isophorone	9.95	82	203137	34.83	ng		99
26) 2-Nitrophenol	10.14	139	45556	41.83	ng		96
27) 2,4-Dimethylphenol	10.19	122	95486	38.59	ng		96
28) bis(2-Chloroethoxy)methane	10.42	93	120662	38.94	ng		91
29) 2,4-Dichlorophenol	10.67	162	93843	44.49	ng		99
30) 1,2,4-Trichlorobenzene	10.89	180	84347	37.18	ng		96
31) Naphthalene	11.08	128	270467	36.90	ng	#	96
32) Benzoic acid	10.30	122	56403	41.74	ng		97
33) 4-Chloroaniline	11.19	127	23317	7.35	ng		95
34) Hexachlorobutadiene	11.36	225	52729	36.04	ng		96
35) Caprolactam	11.96	113	36762m	38.08	ng		
36) 4-Chloro-3-methylphenol	12.28	107	115928	43.70	ng		100
37) 2-Methylnaphthalene	12.67	142	204875	40.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	102704	34.81	ng	#	98
40) Hexachlorocyclopentadiene	13.01	237	130394	79.56	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021681.D
Acq On : 15 Apr 2016 10:43
Operator : UM/SJ
Sample : PB89789BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89789BSD

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:56 PM

Quant Time: Apr 15 15:06:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	77427	41.16	ng		97
43) 2,4,5-Trichlorophenol	13.34	196	86901	42.81	ng		97
45) 1,1'-Biphenyl	13.66	154	277244	34.86	ng		97
46) 2-Chloronaphthalene	13.71	162	213174	36.25	ng		99
47) 2-Nitroaniline	13.91	65	80624	39.99	ng		97
48) Acenaphthylene	14.55	152	355761	36.59	ng		99
49) Dimethylphthalate	14.27	163	293228	35.93	ng		99
50) 2,6-Dinitrotoluene	14.39	165	64155	41.22	ng		99
51) Acenaphthene	14.89	154	247946	39.89	ng		99
52) 3-Nitroaniline	14.72	138	24368	14.12	ng		97
53) 2,4-Dinitrophenol	14.92	184	51216	85.03	ng		96
54) Dibenzofuran	15.22	168	351076	41.37	ng		99
55) 4-Nitrophenol	15.02	139	113006	76.46	ng		94
56) 2,4-Dinitrotoluene	15.17	165	90512	43.03	ng		99
57) Fluorene	15.86	166	289069	38.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	75186	44.64	ng		97
59) Diethylphthalate	15.62	149	304340	35.72	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	142349	38.13	ng		99
61) 4-Nitroaniline	15.88	138	66974	35.26	ng		99
62) Azobenzene	16.14	77	294449	40.33	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	37425	43.37	ng		97
65) n-Nitrosodiphenylamine	16.06	169	258560	41.05	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	91553	40.69	ng		97
67) Hexachlorobenzene	16.86	284	96330	40.55	ng		96
68) Atrazine	17.00	200	86014	34.58	ng		99
69) Pentachlorophenol	17.20	266	109912	81.05	ng		93
70) Phenanthrene	17.60	178	454642	39.28	ng		99
71) Anthracene	17.69	178	454190	38.65	ng		98
72) Carbazole	17.95	167	409375	37.32	ng		98
73) Di-n-butylphthalate	18.50	149	502086	35.99	ng		99
74) Fluoranthene	19.59	202	509048	36.83	ng		100
76) Benzidine	19.76	184	119077	16.60	ng		99
77) Pyrene	19.95	202	517959	38.98	ng		99
79) Butylbenzylphthalate	20.82	149	241181	39.10	ng		98
80) Benzo(a)anthracene	21.81	228	520571	39.25	ng		99
81) 3,3'-Dichlorobenzidine	21.71	252	84509	8.05	ng		98
82) Chrysene	21.87	228	480840	37.74	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	341696	37.88	ng		100
84) Di-n-octyl phthalate	22.95	149	595018	39.37	ng		99
85) Indeno(1,2,3-cd)pyrene	28.96	276	584076	38.56	ng	#	84
87) Benzo(b)fluoranthene	24.09	252	517945	40.41	ng		100
88) Benzo(k)fluoranthene	24.16	252	502745	40.11	ng		100
89) Benzo(a)pyrene	25.00	252	498609	40.15	ng		99
90) Dibenzo(a,h)anthracene	29.04	278	497690	39.97	ng		99
91) Benzo(g,h,i)perylene	30.16	276	483500	39.57	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021681.D
Acq On : 15 Apr 2016 10:43
Operator : UM/SJ
Sample : PB89789BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 15 15:06:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB89789BSD

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:56 PM