Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016365.D
Acq On : 13 Apr 2015 17:51
Operator : TP/IZ
Sample : G1787-20MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD01AMS

Manual Integrations APPROVED
apatel
4/14/2015 5:28:18 PM

Quant Time: Apr 14 03:27:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	86643	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	373982	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	209670	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	417057	20.00	ng		0.00
75) Chrysene-d12	21.24	240	358967	20.00	ng		0.00
86) Perylene-d12	23.47	264	332415	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	757521	137.98	ng		0.02
7) Phenol-d6	6.87	99	962378	116.77	ng		0.00
23) Nitrobenzene-d5	8.84	82	608438	94.25	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	219371	154.71	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	1213782	98.56	ng		0.00
78) Terphenyl-d14	19.69	244	1352207	88.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	88160	35.32	ng	#	91
3) Pyridine	3.56	79	184629	24.75	ng		99
4) n-Nitrosodimethylamine	3.47	42	83270	37.55	ng		99
6) Aniline	7.01	93	144990	12.32	ng		97
8) 2-Chlorophenol	7.25	128	292223	44.32	ng		96
9) Benzaldehyde	6.82	77	41104	8.52	ng		96
10) Phenol	6.89	94	324574	36.81	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	283159	40.27	ng		98
12) 1,3-Dichlorobenzene	7.57	146	282110	42.37	ng		98
13) 1,4-Dichlorobenzene	7.71	146	283486	41.05	ng		99
14) 1,2-Dichlorobenzene	8.03	146	276678	41.89	ng		99
15) Benzyl Alcohol	7.92	79	229921	40.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	309914	39.14	ng		99
17) 2-Methylphenol	8.13	107	243558	41.19	ng		97
18) Hexachloroethane	8.75	117	103173	39.05	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	211416	35.80	ng		98
20) 3+4-Methylphenols	8.46	107	325454	39.74	ng		99
22) Acetophenone	8.50	105	391233	45.12	ng		98
24) Nitrobenzene	8.88	77	292972	42.44	ng		92
25) Isophorone	9.39	82	571905	39.89	ng		97
26) 2-Nitrophenol	9.58	139	160589	49.88	ng		99
27) 2,4-Dimethylphenol	9.65	122	282421	47.10	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	350745	42.86	ng		99
29) 2,4-Dichlorophenol	10.12	162	243533	51.33	ng		97
30) 1,2,4-Trichlorobenzene	10.33	180	233246	47.08	ng		99
31) Naphthalene	10.51	128	862436	44.26	ng		99
32) Benzoic acid	9.79	122	160079	42.21	ng		94
33) 4-Chloroaniline	10.63	127	36144	3.95	ng	#	95
34) Hexachlorobutadiene	10.80	225	101606	46.69	ng		98
35) Caprolactam	11.40	113	97602m	32.67	ng		
36) 4-Chloro-3-methylphenol	11.77	107	284564	45.40	ng		96
37) 2-Methylnaphthalene	12.13	142	623423	44.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	215314	46.64	ng		99
40) Hexachlorocyclopentadiene	12.48	237	177177	83.85	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016365.D
Acq On : 13 Apr 2015 17:51
Operator : TP/IZ
Sample : G1787-20MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SD01AMS

Manual Integrations APPROVED
apatel
4/14/2015 5:28:18 PM

Quant Time: Apr 14 03:27:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	170569	49.72	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	188487	51.43	ng		98
45) 1,1'-Biphenyl	13.15	154	738683	45.93	ng		99
46) 2-Chloronaphthalene	13.19	162	559841	45.69	ng		99
47) 2-Nitroaniline	13.40	65	179782	45.52	ng		97
48) Acenaphthylene	14.04	152	941641	43.22	ng		99
49) Dimethylphthalate	13.78	163	687382	44.73	ng		99
50) 2,6-Dinitrotoluene	13.91	165	173476	46.68	ng		93
51) Acenaphthene	14.38	154	582359	44.73	ng		98
52) 3-Nitroaniline	14.23	138	83028	17.49	ng		94
53) 2,4-Dinitrophenol	14.44	184	190399	87.65	ng		95
54) Dibenzofuran	14.72	168	825944	45.72	ng		99
55) 4-Nitrophenol	14.56	139	334304	85.23	ng		99
56) 2,4-Dinitrotoluene	14.69	165	242941	47.99	ng		94
57) Fluorene	15.37	166	720912	45.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.95	232	142049	50.22	ng		95
59) Diethylphthalate	15.15	149	724821	44.31	ng		99
60) 4-Chlorophenyl-phenylether	15.36	204	300738	46.13	ng		98
61) 4-Nitroaniline	15.40	138	220974	41.02	ng		97
62) Azobenzene	15.66	77	734366	42.18	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	126973	43.64	ng		93
65) n-Nitrosodiphenylamine	15.58	169	642389	45.56	ng		100
66) 4-Bromophenyl-phenylether	16.26	248	158583	47.62	ng		98
67) Hexachlorobenzene	16.37	284	161042	46.53	ng		99
68) Atrazine	16.53	200	187310	47.67	ng		99
69) Pentachlorophenol	16.71	266	208339	98.58	ng		98
70) Phenanthrene	17.10	178	1055396	44.99	ng		99
71) Anthracene	17.19	178	1067769	45.93	ng		99
72) Carbazole	17.47	167	1105878	47.40	ng		99
73) Di-n-butylphthalate	18.03	149	1302227	45.61	ng		99
74) Fluoranthene	19.12	202	1095253	45.30	ng		97
76) Benzidine	19.31	184	67376	4.43	ng		98
77) Pyrene	19.48	202	1144556	45.79	ng		98
79) Butylbenzylphthalate	20.38	149	615463	50.12	ng		97
80) Benzo(a)anthracene	21.22	228	982442	46.31	ng		100
81) 3,3'-Dichlorobenzidine	21.16	252	173947	24.93	ng		97
82) Chrysene	21.27	228	915576	44.70	ng		99
83) Bis(2-ethylhexyl)phthalate	21.15	149	829298	49.88	ng		96
84) Di-n-octyl phthalate	22.02	149	1389095	51.28	ng	#	99
85) Indeno(1,2,3-cd)pyrene	25.75	276	1028637	48.34	ng		98
87) Benzo(b)fluoranthene	22.80	252	936123	48.08	ng		99
88) Benzo(k)fluoranthene	22.84	252	893598	46.90	ng		98
89) Benzo(a)pyrene	23.37	252	899695	49.31	ng		98
90) Dibenzo(a,h)anthracene	25.76	278	856430	48.23	ng		97
91) Benzo(g,h,i)perylene	26.44	276	872199	49.18	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016365.D
Acq On : 13 Apr 2015 17:51
Operator : TP/IZ
Sample : G1787-20MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 14 03:27:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LS-SD01AMS

Manual Integrations APPROVED
apatel
4/14/2015 5:28:18 PM