Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
Data File : BG023989.D
Acq On : 14 Sep 2016 19:42
Operator : UM/SJ
Sample : H4764-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-69-091216MS

Manual Integrations APPROVED
sohil
9/15/2016 12:50:23 PM

Quant Time: Sep 15 11:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46508	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	200615	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	171463	20.00	ng		-0.02
63) Phenanthrene-d10	17.52	188	402105	20.00	ng		-0.01
75) Chrysene-d12	21.83	240	438100	20.00	ng		-0.02
86) Perylene-d12	25.18	264	438972	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	368215	139.00	ng		-0.02
7) Phenol-d6	7.25	99	522797	128.21	ng		-0.03
23) Nitrobenzene-d5	9.26	82	469753	104.54	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	391586	126.76	ng		-0.02
44) 2-Fluorobiphenyl	13.36	172	973957	81.44	ng		-0.02
78) Terphenyl-d14	20.12	244	1768932	91.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	38538	35.28	ng	#	85
3) Pyridine	3.91	79	100581	30.63	ng		92
4) n-Nitrosodimethylamine	3.81	42	85555	49.43	ng	#	79
6) Aniline	7.41	93	88994	16.44	ng		91
8) 2-Chlorophenol	7.65	128	133473	43.49	ng		96
9) Benzaldehyde	7.22	77	20903	7.21	ng		86
10) Phenol	7.28	94	177491	41.37	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	135813	40.24	ng		88
12) 1,3-Dichlorobenzene	7.96	146	144096	40.12	ng		97
13) 1,4-Dichlorobenzene	8.11	146	148101	38.92	ng		95
14) 1,2-Dichlorobenzene	8.43	146	146526	41.03	ng		93
15) Benzyl Alcohol	8.33	79	184777	51.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	181944	40.22	ng		97
17) 2-Methylphenol	8.54	107	127970	44.28	ng		98
18) Hexachloroethane	9.17	117	63583	43.39	ng		93
19) n-Nitroso-di-n-propylamine	8.89	70	154426	42.87	ng		97
20) 3+4-Methylphenols	8.87	107	174974	43.44	ng		95
22) Acetophenone	8.92	105	220449	42.44	ng	#	95
24) Nitrobenzene	9.30	77	237759	49.20	ng		98
25) Isophorone	9.83	82	417318	47.89	ng		99
26) 2-Nitrophenol	10.02	139	85969	46.80	ng		97
27) 2,4-Dimethylphenol	10.08	122	152101	48.72	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	210242	47.78	ng		94
29) 2,4-Dichlorophenol	10.57	162	174069	52.62	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	167321	46.12	ng		98
31) Naphthalene	10.96	128	555902	53.78	ng		99
32) Benzoic acid	10.26	122	74238	29.28	ng		91
33) 4-Chloroaniline	11.10	127	25376	5.88	ng	#	88
34) Hexachlorobutadiene	11.23	225	135265	49.64	ng		95
35) Caprolactam	11.88	113	48810m	41.87	ng		
36) 4-Chloro-3-methylphenol	12.22	107	213731	48.36	ng		97
37) 2-Methylnaphthalene	12.57	142	383795	48.80	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	210686	37.02	ng		97
40) Hexachlorocyclopentadiene	12.90	237	226630	67.32	ng		98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
Data File : BG023989.D
Acq On : 14 Sep 2016 19:42
Operator : UM/SJ
Sample : H4764-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MS

Manual Integrations APPROVED
sohil
9/15/2016 12:50:23 PM

Quant Time: Sep 15 11:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	166215	43.76	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	170326	44.36	ng		94
45) 1,1'-Biphenyl	13.57	154	493658	35.79	ng		99
46) 2-Chloronaphthalene	13.63	162	425750	42.05	ng		98
47) 2-Nitroaniline	13.84	65	197154	49.43	ng		99
48) Acenaphthylene	14.47	152	696393	41.26	ng		100
49) Dimethylphthalate	14.20	163	601660	40.92	ng		99
50) 2,6-Dinitrotoluene	14.33	165	134624	43.38	ng		94
51) Acenaphthene	14.81	154	440043	42.17	ng		99
52) 3-Nitroaniline	14.68	138	25462	8.77	ng	#	75
53) 2,4-Dinitrophenol	14.89	184	182593	80.43	ng	#	83
54) Dibenzofuran	15.15	168	734334	45.09	ng		99
55) 4-Nitrophenol	15.01	139	170240	73.70	ng	#	83
56) 2,4-Dinitrotoluene	15.13	165	198398	43.49	ng	#	82
57) Fluorene	15.80	166	612462	43.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	185298	47.55	ng		96
59) Diethylphthalate	15.56	149	664596	42.34	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	328701	43.24	ng		95
61) 4-Nitroaniline	15.85	138	107445	36.61	ng		95
62) Azobenzene	16.08	77	748167	49.22	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	127644	45.72	ng		90
65) n-Nitrosodiphenylamine	16.01	169	553669	48.48	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	246988	50.49	ng		99
67) Hexachlorobenzene	16.81	284	256796	44.76	ng		96
68) Atrazine	16.96	200	230772	46.96	ng		99
69) Pentachlorophenol	17.17	266	282747	92.78	ng		96
70) Phenanthrene	17.56	178	1051720	50.28	ng		98
71) Anthracene	17.65	178	1064281	49.88	ng		97
72) Carbazole	17.93	167	912172	47.11	ng		97
73) Di-n-butylphthalate	18.46	149	1103905	47.79	ng		98
74) Fluoranthene	19.57	202	1263450	50.17	ng		95
76) Benzidine	19.80	184	37948m	2.80	ng		
77) Pyrene	19.94	202	1260460	46.78	ng		95
79) Butylbenzylphthalate	20.81	149	493164	47.48	ng		97
80) Benzo(a)anthracene	21.80	228	1233118	50.28	ng		92
81) 3,3'-Dichlorobenzidine	21.72	252	173373	17.69	ng	#	99
82) Chrysene	21.87	228	1149898	49.26	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	669267	47.06	ng		95
84) Di-n-octyl phthalate	22.93	149	1137666	48.78	ng		99
85) Indeno(1,2,3-cd)pyrene	29.05	276	1394475	53.95	ng	#	100
87) Benzo(b)fluoranthene	24.11	252	1291243	51.78	ng		98
88) Benzo(k)fluoranthene	24.18	252	1223541	49.48	ng	#	99
89) Benzo(a)pyrene	25.03	252	1232160	52.03	ng	#	98
90) Dibenzo(a,h)anthracene	29.09	278	1167028	50.11	ng		99
91) Benzo(g,h,i)perylene	30.26	276	1187956	53.04	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
Data File : BG023989.D
Acq On : 14 Sep 2016 19:42
Operator : UM/SJ
Sample : H4764-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 11:07:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MS

Manual Integrations APPROVED
sohil
9/15/2016 12:50:23 PM