Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024657.D
Acq On : 3 Nov 2016 21:44
Operator : UM/SJ
Sample : H5491-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-78-14.0-15.0MS

Manual Integrations APPROVED
Sohil
11/4/2016 10:04:14 AM

Quant Time: Nov 04 02:24:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	101636	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	403687	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	318238	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	749331	20.00	ng		0.00
75) Chrysene-d12	21.92	240	936025	20.00	ng		0.00
86) Perylene-d12	25.36	264	960678	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	763975	123.20	ng		0.00
7) Phenol-d6	7.41	99	1098641	129.16	ng		0.00
23) Nitrobenzene-d5	9.44	82	758243	85.52	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	630857	132.69	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1474397	77.00	ng		0.00
78) Terphenyl-d14	20.20	244	2611340	83.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	79623	31.43	ng		92
3) Pyridine	4.07	79	256511	33.82	ng		92
4) n-Nitrosodimethylamine	3.99	42	162428	41.36	ng		88
6) Aniline	7.59	93	262627	24.37	ng		97
8) 2-Chlorophenol	7.82	128	264951	42.02	ng		99
9) Benzaldehyde	7.41	77	54666	10.40	ng		92
10) Phenol	7.44	94	416986	47.55	ng		88
11) bis(2-Chloroethyl)ether	7.68	93	277836	42.18	ng		92
12) 1,3-Dichlorobenzene	8.16	146	293390	37.59	ng		95
13) 1,4-Dichlorobenzene	8.30	146	304068	39.44	ng		97
14) 1,2-Dichlorobenzene	8.63	146	287872	38.84	ng		97
15) Benzyl Alcohol	8.50	79	330026	41.71	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	477733	39.09	ng		94
17) 2-Methylphenol	8.69	107	260586	44.85	ng		93
18) Hexachloroethane	9.36	117	115556	38.99	ng		97
19) n-Nitroso-di-n-propylamine	9.07	70	263248	41.99	ng		90
20) 3+4-Methylphenols	9.03	107	352833	45.23	ng		97
22) Acetophenone	9.09	105	439818	42.41	ng		93
24) Nitrobenzene	9.49	77	409407	41.51	ng		98
25) Isophorone	10.00	82	725366	43.98	ng		96
26) 2-Nitrophenol	10.20	139	164666	44.98	ng		91
27) 2,4-Dimethylphenol	10.24	122	267760	41.78	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	396581	46.47	ng		98
29) 2,4-Dichlorophenol	10.73	162	312194	46.41	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	326591	40.93	ng		97
31) Naphthalene	11.15	128	809574	40.20	ng		98
32) Benzoic acid	10.32	122	20596	3.86	ng	#	86
33) 4-Chloroaniline	11.25	127	135817	15.53	ng	#	92
34) Hexachlorobutadiene	11.41	225	243082	38.92	ng		98
35) Caprolactam	12.02	113	110253m	44.77	ng		
36) 4-Chloro-3-methylphenol	12.34	107	363004	44.70	ng		99
37) 2-Methylnaphthalene	12.73	142	612157	41.66	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	416105	38.77	ng		98
40) Hexachlorocyclopentadiene	13.06	237	494829	81.86	ng		95

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024657.D
Acq On : 3 Nov 2016 21:44
Operator : UM/SJ
Sample : H5491-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

Manual Integrations APPROVED
Sohil
11/4/2016 10:04:14 AM

Quant Time: Nov 04 02:24:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	281299	43.60	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	301136	43.17	ng		94
45) 1,1'-Biphenyl	13.72	154	863746	39.11	ng		98
46) 2-Chloronaphthalene	13.77	162	698377	41.53	ng		97
47) 2-Nitroaniline	13.97	65	305333	44.35	ng		99
48) Acenaphthylene	14.62	152	1051508	40.77	ng		97
49) Dimethylphthalate	14.33	163	1421670	62.93	ng		98
50) 2,6-Dinitrotoluene	14.46	165	224476	46.54	ng		88
51) Acenaphthene	14.95	154	702111	36.52	ng		99
52) 3-Nitroaniline	14.79	138	133411	26.73	ng		97
53) 2,4-Dinitrophenol	14.99	184	123315	35.28	ng		98
54) Dibenzofuran	15.28	168	1122701	42.24	ng		96
55) 4-Nitrophenol	15.08	139	370804	85.28	ng	#	85
56) 2,4-Dinitrotoluene	15.24	165	336197	47.97	ng	#	98
57) Fluorene	15.93	166	924827	41.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	322760	44.63	ng	#	95
59) Diethylphthalate	15.68	149	1007629	42.54	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	522472	42.25	ng		98
61) 4-Nitroaniline	15.95	138	228154	41.85	ng		93
62) Azobenzene	16.20	77	1055870	44.70	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	186327	36.09	ng		93
65) n-Nitrosodiphenylamine	16.13	169	868183	42.38	ng		100
66) 4-Bromophenyl-phenylether	16.81	248	373270	41.03	ng		95
67) Hexachlorobenzene	16.92	284	412379	41.03	ng		89
68) Atrazine	17.06	200	388635	44.23	ng		99
69) Pentachlorophenol	17.27	266	527412	79.52	ng		98
70) Phenanthrene	17.67	178	1576674	41.28	ng		99
71) Anthracene	17.76	178	1595807	41.41	ng		99
72) Carbazole	18.03	167	1419061	40.38	ng		97
73) Di-n-butylphthalate	18.55	149	1687276	41.64	ng		97
74) Fluoranthene	19.66	202	1937369	40.13	ng		98
76) Benzidine	19.84	184	778603	35.30	ng		98
77) Pyrene	20.03	202	1978411	43.24	ng		99
79) Butylbenzylphthalate	20.88	149	831156	43.57	ng		98
80) Benzo(a)anthracene	21.90	228	2154336	41.90	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	503960	24.29	ng	#	98
82) Chrysene	21.97	228	2042666	41.71	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1175126	43.06	ng		100
84) Di-n-octyl phthalate	23.04	149	2002780	44.22	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	2698139	39.91	ng	#	99
87) Benzo(b)fluoranthene	24.26	252	2263366	43.59	ng		99
88) Benzo(k)fluoranthene	24.33	252	2116356	42.20	ng		97
89) Benzo(a)pyrene	25.19	252	2170694	42.78	ng		97
90) Dibenzo(a,h)anthracene	29.37	278	2251375	40.42	ng		97
91) Benzo(g,h,i)perylene	30.54	276	2212485	39.77	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024657.D
Acq On : 3 Nov 2016 21:44
Operator : UM/SJ
Sample : H5491-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 04 02:24:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MS

Manual Integrations APPROVED
Sohil
11/4/2016 10:04:14 AM