Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039434.D
Acq On : 11 Feb 2019 14:56
Operator : JU/SJ
Sample : K1404-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:33 PM

Quant Time: Feb 12 03:05:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51636	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	243230	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	171902	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	405085	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	399369	20.00	ng		-0.02
87) Perylene-d12	25.21	264	413361	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	383841	127.23	ng		0.00
7) Phenol-d6	7.31	99	576975	129.92	ng		-0.01
23) Nitrobenzene-d5	9.35	82	328823	84.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	230305	124.42	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	791878	66.08	ng		-0.02
79) Terphenyl-d14	20.13	244	1236809	65.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	40382	30.599	ng		98
3) Pyridine	4.00	79	110425	31.604	ng		96
4) n-Nitrosodimethylamine	3.93	42	63073	36.095	ng		87
6) Aniline	7.50	93	79953	14.373	ng		97
8) 2-Chlorophenol	7.73	128	147962	44.866	ng		98
9) Benzaldehyde	7.31	77	70602	29.475	ng		97
10) Phenol	7.34	94	221660	47.882	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	135217	36.965	ng		95
12) 1,3-Dichlorobenzene	8.06	146	142938	35.778	ng		97
13) 1,4-Dichlorobenzene	8.21	146	145517	36.544	ng		100
14) 1,2-Dichlorobenzene	8.52	146	142351	36.928	ng		99
15) Benzyl Alcohol	8.41	79	142920	40.992	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	262590	31.788	ng		98
17) 2-Methylphenol	8.60	107	133232	44.474	ng		96
18) Hexachloroethane	9.26	117	49683	36.266	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	120517	38.235	ng		90
20) 3+4-Methylphenols	8.93	107	186722	45.262	ng		96
22) Acetophenone	9.00	105	225957	34.584	ng	#	93
24) Nitrobenzene	9.39	77	173364	41.216	ng		94
25) Isophorone	9.91	82	339599	39.361	ng		96
26) 2-Nitrophenol	10.10	139	82480	49.581	ng		97
27) 2,4-Dimethylphenol	10.14	122	156852	44.941	ng		99
28) bis(2-Chloroethoxy)methane	10.39	93	207910	39.123	ng		95
29) 2,4-Dichlorophenol	10.63	162	168032	44.051	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	156601	36.567	ng		99
31) Naphthalene	11.04	128	463573	38.418	ng		99
32) Benzoic acid	10.19	122	3644m	10.316	ng		
33) 4-Chloroaniline	11.15	127	61047	10.911	ng		95
34) Hexachlorobutadiene	11.31	225	97795	34.338	ng		95
35) Caprolactam	11.93	113	59805m	37.888	ng		
36) 4-Chloro-3-methylphenol	12.25	107	185357	42.017	ng		96
37) 2-Methylnaphthalene	12.64	142	356947	39.940	ng		99
38) 1-Methylnaphthalene	12.85	142	340792	39.558	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	194204	35.507	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039434.D
Acq On : 11 Feb 2019 14:56
Operator : JU/SJ
Sample : K1404-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:33 PM

Quant Time: Feb 12 03:05:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	233127	78.221 ng		98
43) 2,4,6-Trichlorophenol	13.23	196	143039	42.535 ng		98
44) 2,4,5-Trichlorophenol	13.30	196	155148	44.019 ng		98
46) 1,1'-Biphenyl	13.64	154	492023	34.401 ng		100
47) 2-Chloronaphthalene	13.68	162	378661	35.193 ng		97
48) 2-Nitroaniline	13.88	65	131804	43.569 ng		95
49) Acenaphthylene	14.52	152	612624	37.734 ng		99
50) Dimethylphthalate	14.25	163	593750	42.767 ng		99
51) 2,6-Dinitrotoluene	14.37	165	112680	44.051 ng		97
52) Acenaphthene	14.86	154	375154	35.598 ng		98
53) 3-Nitroaniline	14.70	138	46400	20.365 ng	#	92
54) 2,4-Dinitrophenol	14.90	184	55805	56.795 ng		96
55) Dibenzofuran	15.19	168	602822	35.676 ng		98
56) 4-Nitrophenol	14.99	139	211590	83.980 ng		88
57) 2,4-Dinitrotoluene	15.16	165	161789	48.567 ng		85
58) Fluorene	15.84	166	481588	38.233 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153009	46.365 ng		97
60) Diethylphthalate	15.60	149	516919	36.011 ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	254964	35.748 ng		95
62) 4-Nitroaniline	15.87	138	116516	40.720 ng		94
63) Azobenzene	16.12	77	453096	32.294 ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	85174	51.740 ng		95
66) n-Nitrosodiphenylamine	16.04	169	447698	36.347 ng		98
67) 4-Bromophenyl-phenylether	16.72	248	164317	36.564 ng		95
68) Hexachlorobenzene	16.83	284	172852	38.337 ng		94
69) Atrazine	16.98	200	179693	39.921 ng		94
70) Pentachlorophenol	17.18	266	231484	73.869 ng		97
71) Phenanthrene	17.58	178	795299	37.933 ng		99
72) Anthracene	17.68	178	806251	39.041 ng		99
73) Carbazole	17.94	167	725871	35.219 ng		99
74) Di-n-butylphthalate	18.48	149	844735	35.133 ng		99
75) Fluoranthene	19.58	202	928123	38.139 ng		99
77) Benzidine	19.76	184	259342	19.807 ng		100
78) Pyrene	19.94	202	928097	37.330 ng		98
80) Butylbenzylphthalate	20.81	149	391385	37.319 ng		96
81) Benzo(a)anthracene	21.81	228	907377	38.451 ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	181634	20.758 ng		98
83) Chrysene	21.88	228	833654	37.110 ng		100
84) Bis(2-ethylhexyl)phthalate	21.68	149	557664	37.272 ng		99
85) Di-n-octyl phthalate	22.95	149	943738	38.179 ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1014383	42.087 ng		99
88) Benzo(b)fluoranthene	24.13	252	868327	38.519 ng		98
89) Benzo(k)fluoranthene	24.20	252	858522	37.933 ng		99
90) Benzo(a)pyrene	25.05	252	863018	39.751 ng		99
91) Dibenzo(a,h)anthracene	29.17	278	817694	40.217 ng		97
92) Benzo(g,h,i)perylene	30.33	276	823116	40.617 ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039434.D
Acq On : 11 Feb 2019 14:56
Operator : JU/SJ
Sample : K1404-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 03:05:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:33 PM