Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039467.D
Acq On : 12 Feb 2019 17:12
Operator : JU/SJ
Sample : K1462-15MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-DMSD

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:52 AM

Quant Time: Feb 13 00:50:18 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	59425	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	280889	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	197669	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	439364	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	380865	20.00	ng		-0.01
87) Perylene-d12	25.21	264	400402	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	549840	158.36	ng		0.00
7) Phenol-d6	7.31	99	822072	160.85	ng		0.00
23) Nitrobenzene-d5	9.35	82	485793	108.04	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	331519	155.75	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1195250	86.74	ng		-0.01
79) Terphenyl-d14	20.13	244	1514510	84.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	46991	30.940	ng		96
3) Pyridine	4.01	79	145289	36.131	ng		95
4) n-Nitrosodimethylamine	3.92	42	87382	43.452	ng		87
6) Aniline	7.49	93	173456	27.095	ng		99
8) 2-Chlorophenol	7.73	128	205710	54.201	ng		95
9) Benzaldehyde	7.31	77	85447	31.467	ng		95
10) Phenol	7.34	94	303375	56.944	ng		99
11) bis(2-Chloroethyl)ether	7.59	93	193532	45.972	ng		98
12) 1,3-Dichlorobenzene	8.06	146	196052	42.641	ng		95
13) 1,4-Dichlorobenzene	8.21	146	202050	44.090	ng		96
14) 1,2-Dichlorobenzene	8.53	146	196673	44.332	ng		97
15) Benzyl Alcohol	8.41	79	209320	52.168	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	381319	40.110	ng		98
17) 2-Methylphenol	8.60	107	191927	55.669	ng		99
18) Hexachloroethane	9.26	117	68433	43.405	ng		93
19) n-Nitroso-di-n-propylamine	8.98	70	170376	46.969	ng		93
20) 3+4-Methylphenols	8.93	107	272090	57.311	ng		98
22) Acetophenone	9.00	105	321212	42.572	ng	#	95
24) Nitrobenzene	9.39	77	253725	52.234	ng		98
25) Isophorone	9.91	82	500460	50.228	ng		98
26) 2-Nitrophenol	10.10	139	126706	61.140	ng		97
27) 2,4-Dimethylphenol	10.14	122	231341	57.397	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	304706	49.650	ng		100
29) 2,4-Dichlorophenol	10.63	162	248545	56.422	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	232502	47.011	ng		99
31) Naphthalene	11.05	128	674368	48.395	ng		99
32) Benzoic acid	10.21	122	9455m	11.930	ng		
33) 4-Chloroaniline	11.15	127	116298	18.000	ng		99
34) Hexachlorobutadiene	11.31	225	143097	43.508	ng		93
35) Caprolactam	11.94	113	87902m	48.222	ng		
36) 4-Chloro-3-methylphenol	12.25	107	272107	53.412	ng		97
37) 2-Methylnaphthalene	12.63	142	523210	50.695	ng		97
38) 1-Methylnaphthalene	12.86	142	504305	50.690	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	292785	46.553	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039467.D
Acq On : 12 Feb 2019 17:12
Operator : JU/SJ
Sample : K1462-15MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-DMSD

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:52 AM

Quant Time: Feb 13 00:50:18 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	12.96	237	304448	88.835	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	206427	53.382	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	225758	55.703	ng		98
46) 1,1'-Biphenyl	13.63	154	717979	43.655	ng		99
47) 2-Chloronaphthalene	13.68	162	553626	44.747	ng		99
48) 2-Nitroaniline	13.89	65	194656	53.599	ng		91
49) Acenaphthylene	14.53	152	893374	47.853	ng		98
50) Dimethylphthalate	14.25	163	834774	52.289	ng		99
51) 2,6-Dinitrotoluene	14.37	165	167588	55.052	ng		100
52) Acenaphthene	14.86	154	553189	45.649	ng		99
53) 3-Nitroaniline	14.70	138	94291	31.546	ng	#	90
54) 2,4-Dinitrophenol	14.91	184	114283	84.345	ng		93
55) Dibenzofuran	15.20	168	871736	44.866	ng		98
56) 4-Nitrophenol	15.00	139	266722	91.504	ng		90
57) 2,4-Dinitrotoluene	15.16	165	232319	58.701	ng		90
58) Fluorene	15.84	166	686611	47.404	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	218507	57.581	ng		96
60) Diethylphthalate	15.60	149	738784	44.758	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	371456	45.292	ng		99
62) 4-Nitroaniline	15.87	138	159442	47.660	ng		93
63) Azobenzene	16.12	77	665308	41.238	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	121919	62.800	ng		99
66) n-Nitrosodiphenylamine	16.05	169	633813	47.443	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	239280	49.091	ng		93
68) Hexachlorobenzene	16.84	284	244886	50.075	ng		92
69) Atrazine	16.98	200	235748	48.288	ng		96
70) Pentachlorophenol	17.18	266	296794	87.321	ng		99
71) Phenanthrene	17.59	178	1062779	46.736	ng		99
72) Anthracene	17.68	178	1074813	47.985	ng		98
73) Carbazole	17.95	167	908630	40.647	ng		99
74) Di-n-butylphthalate	18.48	149	1065762	40.867	ng		99
75) Fluoranthene	19.58	202	1138650	43.140	ng		99
77) Benzidine	19.76	184	361616	28.960	ng		99
78) Pyrene	19.95	202	1123554	47.388	ng		99
80) Butylbenzylphthalate	20.81	149	480370	48.029	ng		98
81) Benzo(a)anthracene	21.81	228	1094038	48.613	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	204110	24.460	ng		98
83) Chrysene	21.88	228	1025482	47.867	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	668697	46.864	ng		99
85) Di-n-octyl phthalate	22.95	149	1142714	48.475	ng		96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1261214	54.870	ng	#	80
88) Benzo(b)fluoranthene	24.13	252	1087948	49.823	ng		99
89) Benzo(k)fluoranthene	24.21	252	1052460	48.007	ng		99
90) Benzo(a)pyrene	25.06	252	1062744	50.535	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	1018766	51.729	ng		97
92) Benzo(g,h,i)perylene	30.34	276	1042528	53.109	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039467.D
Acq On : 12 Feb 2019 17:12
Operator : JU/SJ
Sample : K1462-15MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 00:50:18 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 :
TP-2-DMSD

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:52 AM