Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039474.D
Acq On : 12 Feb 2019 21:52
Operator : JU/SJ
Sample : K1457-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-SOIL-01MS

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

Quant Time: Feb 13 01:13:56 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	8.18	152	47770	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	216816	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	150512	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	364153	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	361807	20.00	ng	-0.01
87) Perylene-d12	25.22	264	376720	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	444717	159.33	ng	0.00
7) Phenol-d6	7.32	99	610723	148.65	ng	0.00
23) Nitrobenzene-d5	9.35	82	424580	122.34	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	286753	176.93	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1000450	95.35	ng	-0.01
79) Terphenyl-d14	20.14	244	1566484	91.64	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	44491	36.441	ng	# 20
3) Pyridine	4.02	79	111416	34.468	ng	96
4) n-Nitrosodimethylamine	3.93	42	74275	45.945	ng	91
6) Aniline	7.50	93	85708	16.655	ng	97
8) 2-Chlorophenol	7.73	128	164359	53.872	ng	95
9) Benzaldehyde	7.31	77	62512	27.858	ng	93
10) Phenol	7.34	94	197835	46.194	ng	96
11) bis(2-Chloroethyl)ether	7.59	93	158285	46.773	ng	99
12) 1,3-Dichlorobenzene	8.06	146	159537	43.165	ng	96
13) 1,4-Dichlorobenzene	8.21	146	167279	45.409	ng	98
14) 1,2-Dichlorobenzene	8.53	146	157936	44.286	ng	97
15) Benzyl Alcohol	8.41	79	165380	51.273	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	307439	40.229	ng	98
17) 2-Methylphenol	8.61	107	145916	52.649	ng	97
18) Hexachloroethane	9.26	117	57833	45.631	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	137050	46.999	ng	93
20) 3+4-Methylphenols	8.93	107	202127	52.962	ng	98
22) Acetophenone	9.00	105	258693	44.418	ng	# 94
24) Nitrobenzene	9.39	77	199251	53.142	ng	99
25) Isophorone	9.91	82	390350	50.755	ng	99
26) 2-Nitrophenol	10.10	139	97721	61.102	ng	99
27) 2,4-Dimethylphenol	10.14	122	177641	57.098	ng	96
28) bis(2-Chloroethoxy)methane	10.39	93	228225	48.178	ng	95
29) 2,4-Dichlorophenol	10.63	162	190420	56.001	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	180848	47.373	ng	99
31) Naphthalene	11.05	128	543562	50.535	ng	100
32) Benzoic acid	10.27	122	107765	51.977	ng	97
33) 4-Chloroaniline	11.15	127	14207	2.849	ng	# 92
34) Hexachlorobutadiene	11.31	225	111894	44.074	ng	95
35) Caprolactam	11.94	113	49532m	35.202	ng	
36) 4-Chloro-3-methylphenol	12.25	107	209892	53.375	ng	98
37) 2-Methylnaphthalene	12.64	142	413553	51.911	ng	97
38) 1-Methylnaphthalene	12.86	142	396130	51.584	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	225267	47.040	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039474.D
Acq On : 12 Feb 2019 21:52
Operator : JU/SJ
Sample : K1457-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-SOIL-01MS

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

Quant Time: Feb 13 01:13:56 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	267597	102.546	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	160208	54.410	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	173546	56.236	ng		98
46) 1,1'-Biphenyl	13.63	154	558567	44.603	ng		100
47) 2-Chloronaphthalene	13.68	162	431427	45.795	ng		99
48) 2-Nitroaniline	13.89	65	151126	54.488	ng		97
49) Acenaphthylene	14.53	152	699513	49.209	ng		99
50) Dimethylphthalate	14.24	163	575242	47.322	ng		99
51) 2,6-Dinitrotoluene	14.37	165	130138	56.013	ng		96
52) Acenaphthene	14.86	154	426586	46.231	ng		98
53) 3-Nitroaniline	14.70	138	37306	19.174	ng	#	88
54) 2,4-Dinitrophenol	14.91	184	132070	110.685	ng		99
55) Dibenzofuran	15.20	168	689175	46.583	ng		98
56) 4-Nitrophenol	15.00	139	203813	91.809	ng		93
57) 2,4-Dinitrotoluene	15.16	165	182571	60.333	ng	#	91
58) Fluorene	15.84	166	550638	49.928	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	175782	60.835	ng		96
60) Diethylphthalate	15.60	149	580520	46.189	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	287683	46.068	ng		98
62) 4-Nitroaniline	15.87	138	129801	50.665	ng		96
63) Azobenzene	16.12	77	525372	42.768	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	100498	62.563	ng		96
66) n-Nitrosodiphenylamine	16.05	169	507881	45.868	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	191207	47.330	ng		96
68) Hexachlorobenzene	16.84	284	199295	49.170	ng		93
69) Atrazine	16.99	200	187956	46.450	ng		99
70) Pentachlorophenol	17.18	266	257781	91.507	ng		98
71) Phenanthrene	17.59	178	914673	48.530	ng		98
72) Anthracene	17.68	178	920003	49.556	ng		98
73) Carbazole	17.95	167	806803	43.546	ng		99
74) Di-n-butylphthalate	18.48	149	973280	45.029	ng		99
75) Fluoranthene	19.58	202	1067879	48.815	ng		99
77) Benzidine	19.77	184	99939	8.425	ng		98
78) Pyrene	19.95	202	1071802	47.586	ng		98
80) Butylbenzylphthalate	20.82	149	461191	48.540	ng		95
81) Benzo(a)anthracene	21.81	228	1060446	49.602	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	169573	21.391	ng		98
83) Chrysene	21.88	228	990774	48.683	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	630448	46.511	ng		99
85) Di-n-octyl phthalate	22.95	149	1093868	48.847	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1209363	55.386	ng		98
88) Benzo(b)fluoranthene	24.13	252	1054790	51.341	ng		100
89) Benzo(k)fluoranthene	24.21	252	989257	47.961	ng		99
90) Benzo(a)pyrene	25.06	252	1013002	51.198	ng		99
91) Dibenzo(a,h)anthracene	29.19	278	972930	52.507	ng		98
92) Benzo(g,h,i)perylene	30.34	276	992558	53.742	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039474.D
Acq On : 12 Feb 2019 21:52
Operator : JU/SJ
Sample : K1457-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 13 01:13:56 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 :
IDW-SOIL-01MS

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