Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019168.D
Acq On : 12 Oct 2015 21:44
Operator : UM/NP
Sample : G3707-03
Misc : LOD 1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Manual Integrations APPROVED
MMdadoda
10/13/2015 4:32:28 PM

Quant Time: Oct 13 08:30:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16923	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	76035	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	56197	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	147247	20.00	ng		0.00
75) Chrysene-d12	21.67	240	172721	20.00	ng		-0.01
86) Perylene-d12	24.90	264	167355	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	98023	117.94	ng		0.00
7) Phenol-d6	7.20	99	150964	118.23	ng		0.00
23) Nitrobenzene-d5	9.19	82	103126	74.94	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	89864	117.35	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	265127	72.54	ng		0.00
78) Terphenyl-d14	20.02	244	485190	74.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	61	0.17	ng	#	1
6) Aniline	7.35	93	672	0.39	ng	#	68
8) 2-Chlorophenol	7.60	128	720	0.69	ng		92
9) Benzaldehyde	7.17	77	688	0.86	ng	#	87
10) Phenol	7.23	94	938	0.71	ng	#	35
11) bis(2-Chloroethyl)ether	7.45	93	715	0.71	ng	#	72
12) 1,3-Dichlorobenzene	7.93	146	693	0.61	ng	#	82
13) 1,4-Dichlorobenzene	8.06	146	702	0.60	ng		93
14) 1,2-Dichlorobenzene	8.39	146	774	0.69	ng	#	65
15) Benzyl Alcohol	8.27	79	555	0.49	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.57	45	1478	0.69	ng		74
17) 2-Methylphenol	8.48	107	631	0.66	ng	#	63
18) Hexachloroethane	9.11	117	59	0.13	ng	#	75
19) n-Nitroso-di-n-propylamine	8.84	70	439	0.43	ng	#	85
20) 3+4-Methylphenols	8.81	107	936	0.68	ng	#	75
22) Acetophenone	8.85	105	1061	0.60	ng	#	73
24) Nitrobenzene	9.23	77	1010	0.69	ng	#	40
25) Isophorone	9.76	82	1631	0.58	ng	#	67
26) 2-Nitrophenol	9.95	139	293	0.47	ng	#	50
27) 2,4-Dimethylphenol	10.01	122	529	0.49	ng	#	59
28) bis(2-Chloroethoxy)methane	10.23	93	1039	0.70	ng	#	92
29) 2,4-Dichlorophenol	10.49	162	628	0.55	ng		85
30) 1,2,4-Trichlorobenzene	10.70	180	730	0.60	ng	#	80
31) Naphthalene	10.89	128	2592	0.71	ng	#	83
33) 4-Chloroaniline	11.00	127	743	0.44	ng	#	66
34) Hexachlorobutadiene	11.18	225	586	0.70	ng		91
36) 4-Chloro-3-methylphenol	12.12	107	765	0.53	ng	#	56
37) 2-Methylnaphthalene	12.49	142	1762m	0.62	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	1086	0.67	ng	#	87
42) 2,4,6-Trichlorophenol	13.10	196	631	0.56	ng	#	72
43) 2,4,5-Trichlorophenol	13.17	196	632	0.53	ng	#	62
45) 1,1'-Biphenyl	13.50	154	2883	0.71	ng		87
46) 2-Chloronaphthalene	13.54	162	2356	0.75	ng	#	86
47) 2-Nitroaniline	13.74	65	732	0.58	ng	#	77

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019168.D
Acq On : 12 Oct 2015 21:44
Operator : UM/NP
Sample : G3707-03
Misc : LOD 1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Manual Integrations APPROVED
MMdadoda
10/13/2015 4:32:28 PM

Quant Time: Oct 13 08:30:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.38	152	3851	0.70	ng	#	95
49) Dimethylphthalate	14.11	163	2831	0.64	ng	#	95
50) 2,6-Dinitrotoluene	14.23	165	426	0.45	ng		97
51) Acenaphthene	14.72	154	2079	0.62	ng		90
52) 3-Nitroaniline	14.57	138	505	0.48	ng	#	71
54) Dibenzofuran	15.06	168	3643	0.74	ng		94
56) 2,4-Dinitrotoluene	15.01	165	689	0.50	ng	#	81
57) Fluorene	15.70	166	2863	0.67	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	526	0.46	ng	#	85
59) Diethylphthalate	15.48	149	3192	0.69	ng	#	90
60) 4-Chlorophenyl-phenylether	15.70	204	1669	0.77	ng		89
61) 4-Nitroaniline	15.73	138	357	0.31	ng	#	43
62) Azobenzene	15.99	77	2831	0.66	ng		95
65) n-Nitrosodiphenylamine	15.91	169	2557	0.63	ng	#	87
66) 4-Bromophenyl-phenylether	16.59	248	975	0.65	ng	#	85
67) Hexachlorobenzene	16.70	284	1139	0.65	ng	#	83
68) Atrazine	16.86	200	970	0.58	ng		82
70) Phenanthrene	17.45	178	5211	0.69	ng	#	89
71) Anthracene	17.54	178	5166	0.68	ng	#	90
72) Carbazole	17.81	167	4255	0.60	ng	#	89
73) Di-n-butylphthalate	18.37	149	5531	0.64	ng	#	96
74) Fluoranthene	19.45	202	6006	0.62	ng		94
77) Pyrene	19.82	202	6745	0.70	ng		95
79) Butylbenzylphthalate	20.70	149	2269	0.58	ng	#	93
80) Benzo(a)anthracene	21.66	228	6910	0.75	ng		97
81) 3,3'-Dichlorobenzidine	21.57	252	2013	0.59	ng	#	79
82) Chrysene	21.72	228	6023	0.69	ng		94
83) Bis(2-ethylhexyl)phthalate	21.57	149	3683	0.67	ng	#	94
84) Di-n-octyl phthalate	22.79	149	6081	0.64	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.55	276	6451m	0.60	ng		
87) Benzo(b)fluoranthene	23.88	252	6205	0.69	ng		97
88) Benzo(k)fluoranthene	23.94	252	6265m	0.71	ng		
89) Benzo(a)pyrene	24.75	252	5666	0.67	ng		94
90) Dibenzo(a,h)anthracene	28.65	278	5091	0.56	ng	#	77
91) Benzo(g,h,i)perylene	29.73	276	5075m	0.60	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019168.D
Acq On : 12 Oct 2015 21:44
Operator : UM/NP
Sample : G3707-03
Misc : LOD 1PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 08:30:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Manual Integrations APPROVED
MMdadoda
10/13/2015 4:32:28 PM