Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031366.D
Acq On : 5 Dec 2017 3:23
Operator : SJ/JU
Sample : IDOC-SOIL-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Manual Integrations APPROVED
Sohil
12/5/2017 3:27:25 PM

Quant Time: Dec 05 06:46:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	60208	20.00	ng		-0.03
21) Naphthalene-d8	10.94	136	266668	20.00	ng		-0.03
38) Acenaphthene-d10	14.75	164	185797	20.00	ng		-0.03
63) Phenanthrene-d10	17.49	188	488872	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	533576	20.00	ng		-0.02
86) Perylene-d12	25.06	264	538725	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	327435	93.26	ng		-0.02
7) Phenol-d6	7.30	99	439053	92.82	ng		0.00
23) Nitrobenzene-d5	9.29	82	253572	56.35	ng		-0.03
41) 2,4,6-Tribromophenol	16.24	330	228072	75.88	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	787050	60.87	ng		-0.03
78) Terphenyl-d14	20.08	244	1467082	60.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	35847	25.16	ng	#	84
3) Pyridine	3.95	79	23412	5.66	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	49802	25.40	ng	#	93
6) Aniline	7.45	93	86504	13.90	ng		94
8) 2-Chlorophenol	7.69	128	127116	32.81	ng		90
9) Benzaldehyde	7.27	77	47637	14.39	ng		87
10) Phenol	7.32	94	163532	33.29	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	110971	28.29	ng		90
12) 1,3-Dichlorobenzene	8.01	146	133840	29.44	ng		95
13) 1,4-Dichlorobenzene	8.16	146	137127	29.77	ng		93
14) 1,2-Dichlorobenzene	8.48	146	129901	29.38	ng		98
15) Benzyl Alcohol	8.37	79	104010	27.41	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	165399	38.18	ng		90
17) 2-Methylphenol	8.58	107	110147	32.20	ng		96
18) Hexachloroethane	9.21	117	46286	28.87	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	93545	26.01	ng	#	96
20) 3+4-Methylphenols	8.91	107	148924	30.62	ng		93
22) Acetophenone	8.95	105	180042	27.12	ng	#	92
24) Nitrobenzene	9.34	77	136781	29.75	ng	#	88
25) Isophorone	9.86	82	266364	30.35	ng	#	92
26) 2-Nitrophenol	10.05	139	74346	31.03	ng	#	89
27) 2,4-Dimethylphenol	10.11	122	126701	35.62	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	162539	29.40	ng		96
29) 2,4-Dichlorophenol	10.60	162	143991	33.71	ng		89
30) 1,2,4-Trichlorobenzene	10.80	180	155339	30.46	ng		96
31) Naphthalene	10.99	128	396163	30.22	ng		98
32) Benzoic acid	10.24	122	8589	8.22	ng	#	80
33) 4-Chloroaniline	11.11	127	105114	18.32	ng		93
34) Hexachlorobutadiene	11.27	225	101600	28.73	ng		96
35) Caprolactam	11.87	113	39405m	22.58	ng		
36) 4-Chloro-3-methylphenol	12.23	107	148014	31.84	ng	#	84
37) 2-Methylnaphthalene	12.59	142	320202	31.64	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	195920	26.57	ng		96
40) Hexachlorocyclopentadiene	12.93	237	149693	58.23	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031366.D
Acq On : 5 Dec 2017 3:23
Operator : SJ/JU
Sample : IDOC-SOIL-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-SOIL-2

Manual Integrations APPROVED
Sohil
12/5/2017 3:27:25 PM

Quant Time: Dec 05 06:46:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	129905	30.82	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	142145	30.82	ng	#	93
45) 1,1'-Biphenyl	13.58	154	425573	27.62	ng		98
46) 2-Chloronaphthalene	13.63	162	349321	31.42	ng		96
47) 2-Nitroaniline	13.84	65	96844	29.39	ng	#	75
48) Acenaphthylene	14.48	152	548019	30.12	ng		98
49) Dimethylphthalate	14.19	163	539614	33.59	ng		99
50) 2,6-Dinitrotoluene	14.32	165	108674	32.82	ng	#	74
51) Acenaphthene	14.81	154	334908	29.47	ng		98
52) 3-Nitroaniline	14.66	138	83094	23.63	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	88632	50.95	ng	#	47
54) Dibenzofuran	15.15	168	566347	31.29	ng		98
55) 4-Nitrophenol	14.98	139	147912	59.06	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	157071	32.81	ng	#	73
57) Fluorene	15.79	166	456852	31.09	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	141643	32.22	ng	#	92
59) Diethylphthalate	15.55	149	483550	29.63	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	274538	30.94	ng		90
61) 4-Nitroaniline	15.82	138	114560	30.77	ng		89
62) Azobenzene	16.07	77	382260	30.72	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	84054	25.87	ng		76
65) n-Nitrosodiphenylamine	15.99	169	429457	28.99	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	178922	28.90	ng		100
67) Hexachlorobenzene	16.80	284	185247	28.16	ng		94
68) Atrazine	16.93	200	179412	29.35	ng		98
69) Pentachlorophenol	17.15	266	174882	48.09	ng		99
70) Phenanthrene	17.53	178	792433	31.13	ng		99
71) Anthracene	17.63	178	811693	31.82	ng		100
72) Carbazole	17.90	167	745901	31.21	ng		100
73) Di-n-butylphthalate	18.43	149	865464	29.49	ng		99
74) Fluoranthene	19.54	202	1039560	32.26	ng		97
76) Benzidine	19.71	184	104264	6.08	ng		99
77) Pyrene	19.89	202	1058253	33.42	ng		97
79) Butylbenzylphthalate	20.76	149	401411	31.80	ng	#	84
80) Benzo(a)anthracene	21.74	228	1033276	31.18	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	270412	20.21	ng		98
82) Chrysene	21.81	228	988522	32.24	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	565324	31.02	ng		98
84) Di-n-octyl phthalate	22.84	149	937675	31.61	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1106009	29.67	ng		99
87) Benzo(b)fluoranthene	24.01	252	1017027	31.21	ng		98
88) Benzo(k)fluoranthene	24.08	252	1018913	31.54	ng		98
89) Benzo(a)pyrene	24.91	252	995883	32.17	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	935605	29.57	ng		98
91) Benzo(g,h,i)perylene	30.03	276	920926	29.99	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031366.D
Acq On : 5 Dec 2017 3:23
Operator : SJ/JU
Sample : IDOC-SOIL-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 05 06:46:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Manual Integrations APPROVED
Sohil
12/5/2017 3:27:25 PM