Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023980.D
Acq On : 9 Sep 2016 18:56
Operator : UM/SJ
Sample : H4715-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMSD

Quant Time: Sep 10 01:06:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41988	20.00	ng		-0.04
21) Naphthalene-d8	10.89	136	220277	20.00	ng		-0.04
38) Acenaphthene-d10	14.74	164	188712	20.00	ng		-0.03
63) Phenanthrene-d10	17.50	188	531926	20.00	ng		-0.02
75) Chrysene-d12	21.81	240	505790	20.00	ng		-0.03
86) Perylene-d12	25.16	264	445035	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	339830	142.09	ng		-0.04
7) Phenol-d6	7.23	99	513983	139.62	ng		-0.04
23) Nitrobenzene-d5	9.24	82	459400	93.11	ng		-0.04
41) 2,4,6-Tribromophenol	16.24	330	453444	133.37	ng		-0.03
44) 2-Fluorobiphenyl	13.35	172	1040956	79.09	ng		-0.03
78) Terphenyl-d14	20.11	244	2187860	98.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	28856	29.26	ng	#	66
3) Pyridine	3.90	79	96391	32.52	ng		96
4) n-Nitrosodimethylamine	3.79	42	66358	42.47	ng	#	83
6) Aniline	7.39	93	193984	39.70	ng		94
8) 2-Chlorophenol	7.63	128	132196	47.71	ng		96
9) Benzaldehyde	7.20	77	24068	9.20	ng		86
10) Phenol	7.26	94	177383	45.80	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	136017	44.64	ng		85
12) 1,3-Dichlorobenzene	7.94	146	121013	37.32	ng		97
13) 1,4-Dichlorobenzene	8.10	146	122614	35.69	ng		93
14) 1,2-Dichlorobenzene	8.41	146	121525	37.69	ng		91
15) Benzyl Alcohol	8.31	79	197939	60.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	180423	44.18	ng		99
17) 2-Methylphenol	8.52	107	143202	54.88	ng		99
18) Hexachloroethane	9.14	117	52189	39.45	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	168245	51.73	ng		98
20) 3+4-Methylphenols	8.85	107	196960	54.17	ng		97
22) Acetophenone	8.90	105	226723	39.76	ng	#	96
24) Nitrobenzene	9.28	77	238234	44.90	ng		99
25) Isophorone	9.81	82	463384	48.43	ng		98
26) 2-Nitrophenol	10.00	139	90644	44.94	ng		99
27) 2,4-Dimethylphenol	10.06	122	171119	49.92	ng		95
28) bis(2-Chloroethoxy)methane	10.29	93	235230	48.69	ng		94
29) 2,4-Dichlorophenol	10.55	162	188863	52.00	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	162750	40.86	ng		98
31) Naphthalene	10.95	128	470001	41.41	ng		98
32) Benzoic acid	10.24	122	81912	29.42	ng		88
33) 4-Chloroaniline	11.06	127	114714	24.20	ng	#	93
34) Hexachlorobutadiene	11.22	225	120575	40.30	ng		95
35) Caprolactam	11.88	113	55097m	43.04	ng		
36) 4-Chloro-3-methylphenol	12.20	107	257875	53.14	ng		97
37) 2-Methylnaphthalene	12.56	142	403673	46.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	231950	37.03	ng		98
40) Hexachlorocyclopentadiene	12.89	237	214732	58.94	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023980.D
Acq On : 9 Sep 2016 18:56
Operator : UM/SJ
Sample : H4715-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMSD

Quant Time: Sep 10 01:06:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	188368	45.06	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	195195	46.19	ng		94
45) 1,1'-Biphenyl	13.56	154	525739	34.64	ng		99
46) 2-Chloronaphthalene	13.61	162	471877	42.35	ng		97
47) 2-Nitroaniline	13.83	65	240435	54.78	ng		96
48) Acenaphthylene	14.46	152	778820	41.93	ng		99
49) Dimethylphthalate	14.19	163	715715	44.23	ng		99
50) 2,6-Dinitrotoluene	14.32	165	159618	46.73	ng		93
51) Acenaphthene	14.80	154	500384	43.57	ng		99
52) 3-Nitroaniline	14.66	138	117812	36.87	ng	#	89
53) 2,4-Dinitrophenol	14.88	184	172775	70.06	ng	#	88
54) Dibenzofuran	15.13	168	839608	46.84	ng		99
55) 4-Nitrophenol	14.99	139	209622	82.46	ng	#	81
56) 2,4-Dinitrotoluene	15.12	165	241731	48.14	ng		85
57) Fluorene	15.79	166	705900	45.42	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	233813m	54.51	ng		
59) Diethylphthalate	15.55	149	774779	44.85	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	377606	45.13	ng		97
61) 4-Nitroaniline	15.84	138	161322	49.94	ng		95
62) Azobenzene	16.07	77	863216	51.59	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	149363	40.45	ng		90
65) n-Nitrosodiphenylamine	16.00	169	650446	43.05	ng		94
66) 4-Bromophenyl-phenylether	16.67	248	294103	45.45	ng		98
67) Hexachlorobenzene	16.80	284	309253	40.74	ng		98
68) Atrazine	16.95	200	301419	46.37	ng		99
69) Pentachlorophenol	17.16	266	341006	84.59	ng		98
70) Phenanthrene	17.54	178	1265658	45.74	ng		97
71) Anthracene	17.64	178	1300310	46.07	ng		99
72) Carbazole	17.92	167	1179601	46.05	ng		99
73) Di-n-butylphthalate	18.45	149	1400066	45.81	ng		99
74) Fluoranthene	19.56	202	1618751	48.59	ng		96
76) Benzidine	19.75	184	365727	23.35	ng		95
77) Pyrene	19.92	202	1609961	51.76	ng		97
79) Butylbenzylphthalate	20.79	149	635824	53.02	ng		97
80) Benzo(a)anthracene	21.79	228	1346442	47.55	ng		96
81) 3,3'-Dichlorobenzidine	21.70	252	324213	28.65	ng	#	99
82) Chrysene	21.86	228	1252658	46.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	775650	47.24	ng		96
84) Di-n-octyl phthalate	22.91	149	1128916	41.92	ng		99
85) Indeno(1,2,3-cd)pyrene	29.01	276	1367524	45.83	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	1253417	49.58	ng		100
88) Benzo(k)fluoranthene	24.17	252	1192266	47.56	ng	#	97
89) Benzo(a)pyrene	25.01	252	1175185	48.95	ng	#	97
90) Dibenzo(a,h)anthracene	29.06	278	1140488	48.31	ng	#	95
91) Benzo(g,h,i)perylene	30.21	276	1152359	50.75	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023980.D
Acq On : 9 Sep 2016 18:56
Operator : UM/SJ
Sample : H4715-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Quant Time: Sep 10 01:06:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration