Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027933.D
Acq On : 14 Jul 2017 20:20
Operator : SJ/JU
Sample : I3757-02
Misc : 20PPM LOQ
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2017

Quant Time: Jul 14 22:45:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	50748	20.00	ng		0.00
21) Naphthalene-d8	11.20	136	221037	20.00	ng		0.00
38) Acenaphthene-d10	14.98	164	153443	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	403789	20.00	ng		0.00
75) Chrysene-d12	22.07	240	499248	20.00	ng		0.00
86) Perylene-d12	25.59	264	458020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	353966	124.76	ng		0.00
7) Phenol-d6	7.52	99	506609	123.94	ng		0.00
23) Nitrobenzene-d5	9.54	82	351614	88.88	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	332594	146.26	ng		0.00
44) 2-Fluorobiphenyl	13.61	172	1064656	91.50	ng		0.00
78) Terphenyl-d14	20.31	244	1894234	85.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	20750	19.643	ng		97
3) Pyridine	4.29	79	61100	20.165	ng		90
4) n-Nitrosodimethylamine	4.20	42	34940	20.526	ng	#	94
6) Aniline	7.70	93	95437	20.055	ng		94
8) 2-Chlorophenol	7.94	128	63933	19.700	ng		89
9) Benzaldehyde	7.51	77	39943	17.849	ng		86
10) Phenol	7.55	94	84451	19.706	ng		85
11) bis(2-Chloroethyl)ether	7.78	93	60587	19.283	ng		86
12) 1,3-Dichlorobenzene	8.26	146	77008	20.263	ng	#	90
13) 1,4-Dichlorobenzene	8.41	146	78230	19.897	ng		91
14) 1,2-Dichlorobenzene	8.73	146	76151	19.950	ng	#	86
15) Benzyl Alcohol	8.61	79	52138	20.874	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.89	45	119967	18.930	ng		97
17) 2-Methylphenol	8.80	107	55435	19.664	ng	#	89
18) Hexachloroethane	9.46	117	25728	20.114	ng		96
19) n-Nitroso-di-n-propylamine	9.16	70	55230	19.353	ng		99
20) 3+4-Methylphenols	9.12	107	78432	19.808	ng		88
22) Acetophenone	9.19	105	105689	19.830	ng	#	94
24) Nitrobenzene	9.58	77	83496	20.068	ng	#	88
25) Isophorone	10.10	82	147207	19.481	ng	#	92
26) 2-Nitrophenol	10.30	139	40252	20.171	ng	#	77
27) 2,4-Dimethylphenol	10.34	122	67447	19.255	ng		96
28) bis(2-Chloroethoxy)methane	10.57	93	87487	19.813	ng		98
29) 2,4-Dichlorophenol	10.83	162	74454	19.632	ng		93
30) 1,2,4-Trichlorobenzene	11.05	180	83782	19.705	ng		98
31) Naphthalene	11.24	128	215166	19.524	ng		98
32) Benzoic acid	10.44	122	26485	21.192	ng	#	83
33) 4-Chloroaniline	11.35	127	89952	19.972	ng		91
34) Hexachlorobutadiene	11.52	225	59895	20.181	ng		91
35) Caprolactam	12.11	113	24618	21.218	ng		90
36) 4-Chloro-3-methylphenol	12.44	107	82720	20.218	ng	#	84
37) 2-Methylnaphthalene	12.82	142	166335	19.773	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	119723	19.734	ng	#	94
40) Hexachlorocyclopentadiene	13.16	237	51875	18.321	ng		91

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027933.D
Acq On : 14 Jul 2017 20:20
Operator : SJ/JU
Sample : I3757-02
Misc : 20PPM LOQ
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2017

Quant Time: Jul 14 22:45:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	73248	19.912	ng		98
43) 2,4,5-Trichlorophenol	13.50	196	78225	20.195	ng	#	88
45) 1,1'-Biphenyl	13.82	154	265691	20.151	ng		96
46) 2-Chloronaphthalene	13.86	162	188679	19.652	ng		94
47) 2-Nitroaniline	14.06	65	58427	20.368	ng	#	82
48) Acenaphthylene	14.70	152	305805	20.016	ng		95
49) Dimethylphthalate	14.42	163	263146	20.538	ng	#	95
50) 2,6-Dinitrotoluene	14.55	165	56912	20.792	ng	#	71
51) Acenaphthene	15.04	154	189370	19.756	ng		98
52) 3-Nitroaniline	14.89	138	52037	20.059	ng	#	77
53) 2,4-Dinitrophenol	15.09	184	27526	20.698	ng		94
54) Dibenzofuran	15.37	168	296956	20.271	ng		92
55) 4-Nitrophenol	15.18	139	36389	20.506	ng	#	70
56) 2,4-Dinitrotoluene	15.33	165	79634	21.043	ng	#	79
57) Fluorene	16.03	166	269316	20.576	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.60	232	72470	21.063	ng	#	89
59) Diethylphthalate	15.77	149	265492	21.374	ng		99
60) 4-Chlorophenyl-phenylether	16.01	204	146017	20.232	ng		91
61) 4-Nitroaniline	16.04	138	55687	20.079	ng	#	72
62) Azobenzene	16.30	77	198169	20.351	ng		92
64) 4,6-Dinitro-2-methylphenol	16.10	198	48978	18.197	ng		96
65) n-Nitrosodiphenylamine	16.23	169	228525	19.387	ng		98
66) 4-Bromophenyl-phenylether	16.91	248	98141	19.484	ng		92
67) Hexachlorobenzene	17.03	284	107293	19.547	ng	#	90
68) Atrazine	17.16	200	90378	19.990	ng		99
69) Pentachlorophenol	17.38	266	56516	20.824	ng		96
70) Phenanthrene	17.77	178	417532	19.768	ng		96
71) Anthracene	17.86	178	419211	19.930	ng		98
72) Carbazole	18.13	167	382765	20.216	ng	#	92
73) Di-n-butylphthalate	18.66	149	415629	19.979	ng	#	93
74) Fluoranthene	19.77	202	519127	20.468	ng		91
76) Benzidine	19.94	184	152601	13.095	ng		98
77) Pyrene	20.13	202	541736	20.302	ng		95
79) Butylbenzylphthalate	21.00	149	185142	19.315	ng		90
80) Benzo(a)anthracene	22.04	228	553535	20.170	ng		94
81) 3,3'-Dichlorobenzidine	21.94	252	204499	18.950	ng		99
82) Chrysene	22.11	228	518411	19.744	ng		96
83) Bis(2-ethylhexyl)phthalate	21.90	149	269288	19.297	ng		100
84) Di-n-octyl phthalate	23.21	149	460160	19.425	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.62	276	601397	19.809	ng	#	97
87) Benzo(b)fluoranthene	24.46	252	529848	19.797	ng		99
88) Benzo(k)fluoranthene	24.53	252	535220	20.005	ng		94
89) Benzo(a)pyrene	25.41	252	498970	19.766	ng		98
90) Dibenzo(a,h)anthracene	29.69	278	497809	19.531	ng		99
91) Benzo(g,h,i)perylene	30.88	276	485000	19.744	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027933.D
Acq On : 14 Jul 2017 20:20
Operator : SJ/JU
Sample : I3757-02
Misc : 20PPM LOQ
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2017

Quant Time: Jul 14 22:45:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration