Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031957.D
Acq On : 9 Jan 2018 22:04
Operator : SJ/JU
Sample : J1018-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-010818MS

Quant Time: Jan 10 00:26:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	70905	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	298461	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	195784	20.00	ng		-0.01
63) Phenanthrene-d10	18.14	188	469542	20.00	ng		-0.02
75) Chrysene-d12	22.48	240	502520	20.00	ng		-0.04
86) Perylene-d12	26.21	264	536579	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	498399	128.03	ng		0.00
7) Phenol-d6	7.89	99	585778	115.90	ng		0.00
23) Nitrobenzene-d5	9.98	82	398035	100.70	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	434701	145.51	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	1335012	85.59	ng		-0.01
78) Terphenyl-d14	20.67	244	2067885	94.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	45414	31.470	ng	#	77
3) Pyridine	4.32	79	98276	25.478	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	60931	39.145	ng	#	82
6) Aniline	8.07	93	70275	10.807	ng		90
8) 2-Chlorophenol	8.33	128	200917	44.493	ng	#	83
9) Benzaldehyde	7.88	77	35220	11.573	ng		87
10) Phenol	7.92	94	196087	38.427	ng		91
11) bis(2-Chloroethyl)ether	8.17	93	164361	38.784	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	224968	40.118	ng	#	92
13) 1,4-Dichlorobenzene	8.82	146	226562	39.551	ng		92
14) 1,2-Dichlorobenzene	9.15	146	218673	40.287	ng		96
15) Benzyl Alcohol	9.02	79	164482	43.351	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.31	45	170517	49.409	ng		78
17) 2-Methylphenol	9.21	107	162619	44.539	ng		98
18) Hexachloroethane	9.90	117	73087	42.126	ng		90
19) n-Nitroso-di-n-propylamine	9.60	70	131610	38.128	ng	#	83
20) 3+4-Methylphenols	9.55	107	212070	40.867	ng		95
22) Acetophenone	9.62	105	292545	42.189	ng	#	88
24) Nitrobenzene	10.03	77	188564	46.289	ng	#	83
25) Isophorone	10.55	82	361763	42.517	ng	#	85
26) 2-Nitrophenol	10.75	139	120366	56.355	ng	#	78
27) 2,4-Dimethylphenol	10.79	122	206175	45.874	ng		92
28) bis(2-Chloroethoxy)methane	11.03	93	230600	40.391	ng	#	94
29) 2,4-Dichlorophenol	11.29	162	242272	45.917	ng		88
30) 1,2,4-Trichlorobenzene	11.52	180	259515	40.283	ng		99
31) Naphthalene	11.71	128	614723	40.811	ng		99
32) Benzoic acid	10.91	122	104269	35.970	ng	#	83
33) 4-Chloroaniline	11.81	127	45513	6.787	ng		92
34) Hexachlorobutadiene	11.98	225	183595	41.511	ng		98
35) Caprolactam	12.56	113	53984	33.754	ng	#	45
36) 4-Chloro-3-methylphenol	12.88	107	219515	45.048	ng	#	83
37) 2-Methylnaphthalene	13.28	142	502205	41.128	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	352923	42.796	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	415968	95.616	ng		92

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031957.D
Acq On : 9 Jan 2018 22:04
Operator : SJ/JU
Sample : J1018-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-010818MS

Quant Time: Jan 10 00:26:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	221553	46.597	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	241462	45.826	ng	#	91
45) 1,1'-Biphenyl	14.25	154	714543	42.731	ng		95
46) 2-Chloronaphthalene	14.31	162	540959	42.413	ng		96
47) 2-Nitroaniline	14.49	65	116775	53.011	ng	#	61
48) Acenaphthylene	15.15	152	809917	39.692	ng		99
49) Dimethylphthalate	14.85	163	704990	40.874	ng	#	97
50) 2,6-Dinitrotoluene	14.97	165	160262	50.509	ng	#	70
51) Acenaphthene	15.47	154	590605	44.194	ng		99
52) 3-Nitroaniline	15.30	138	52690	17.021	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	145795	105.475	ng	#	75
54) Dibenzofuran	15.80	168	843613	41.181	ng		99
55) 4-Nitrophenol	15.58	139	214944	85.311	ng	#	73
56) 2,4-Dinitrotoluene	15.75	165	223826	54.860	ng	#	62
57) Fluorene	16.45	166	671425	40.346	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	243327	47.332	ng	#	86
59) Diethylphthalate	16.19	149	675995	40.212	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	415014	40.758	ng		92
61) 4-Nitroaniline	16.46	138	116684	38.626	ng	#	80
62) Azobenzene	16.72	77	441236	40.927	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	116479	50.475	ng	#	69
65) n-Nitrosodiphenylamine	16.64	169	626597	40.180	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	298890	44.020	ng		93
67) Hexachlorobenzene	17.44	284	300294	43.264	ng	#	91
68) Atrazine	17.56	200	272709	44.973	ng		97
69) Pentachlorophenol	17.78	266	397155	83.188	ng		97
70) Phenanthrene	18.19	178	1111349	41.823	ng		98
71) Anthracene	18.28	178	1131884	42.227	ng		99
72) Carbazole	18.54	167	980362	41.322	ng		99
73) Di-n-butylphthalate	19.04	149	1069140	40.550	ng		99
74) Fluoranthene	20.15	202	1343254	41.198	ng		96
76) Benzidine	20.30	184	81780	5.273	ng		99
77) Pyrene	20.50	202	1356917	42.272	ng		95
79) Butylbenzylphthalate	21.37	149	471419	43.749	ng	#	76
80) Benzo(a)anthracene	22.46	228	1353490	42.342	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	176413	14.234	ng	#	99
82) Chrysene	22.54	228	1278617	42.275	ng		97
83) Bis(2-ethylhexyl)phthalate	22.31	149	637168	40.814	ng	#	98
84) Di-n-octyl phthalate	23.69	149	1072303	40.784	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1675922	43.192	ng	#	89
87) Benzo(b)fluoranthene	25.02	252	1406828	42.237	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1376162	41.285	ng	#	96
89) Benzo(a)pyrene	26.04	252	1381708	43.314	ng	#	96
90) Dibenzo(a,h)anthracene	30.62	278	1375279	41.744	ng	#	96
91) Benzo(g,h,i)perylene	30.53	276	1675922	43.086	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031957.D
Acq On : 9 Jan 2018 22:04
Operator : SJ/JU
Sample : J1018-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-010818MS

Quant Time: Jan 10 00:26:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration