Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021122.D
Acq On : 27 Feb 2016 19:42
Operator : UM/SJ
Sample : H1565-04MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:03 PM

Quant Time: Feb 29 02:25:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6864	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	33517	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	22319	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	56656	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	60954	20.00	ng		-0.02
86) Perylene-d12	25.06	264	56003	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	67871	173.11	ng		0.00
7) Phenol-d6	7.31	99	108577	186.10	ng		-0.01
23) Nitrobenzene-d5	9.33	82	74811	106.35	ng		-0.02
41) 2,4,6-Tribromophenol	16.26	330	39482	134.92	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	143098	82.04	ng		0.00
78) Terphenyl-d14	20.10	244	246840	94.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	7683	42.32	ng		87
3) Pyridine	4.01	79	24313	45.79	ng		96
4) n-Nitrosodimethylamine	3.92	42	12543	46.59	ng		93
6) Aniline	7.49	93	16121	22.34	ng		89
8) 2-Chlorophenol	7.73	128	27295	55.82	ng		88
9) Benzaldehyde	7.30	77	4406	13.94	ng	#	80
10) Phenol	7.34	94	39500	66.09	ng		79
11) bis(2-Chloroethyl)ether	7.58	93	24913	54.38	ng		98
12) 1,3-Dichlorobenzene	8.05	146	24584	47.24	ng	#	90
13) 1,4-Dichlorobenzene	8.20	146	25415	45.71	ng		94
14) 1,2-Dichlorobenzene	8.52	146	25178	47.83	ng		97
15) Benzyl Alcohol	8.40	79	32672	64.11	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	36482	69.46	ng		95
17) 2-Methylphenol	8.60	107	26155	62.00	ng	#	90
18) Hexachloroethane	9.25	117	10203	48.51	ng		91
19) n-Nitroso-di-n-propylamine	8.97	70	26884	59.74	ng		94
20) 3+4-Methylphenols	8.92	107	36576	62.53	ng		94
22) Acetophenone	8.99	105	44653	48.27	ng	#	93
24) Nitrobenzene	9.38	77	38681	53.23	ng	#	87
25) Isophorone	9.89	82	74151	56.24	ng		96
26) 2-Nitrophenol	10.09	139	15142	49.28	ng	#	67
27) 2,4-Dimethylphenol	10.13	122	28676	52.91	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	38061	59.23	ng		95
29) 2,4-Dichlorophenol	10.62	162	27928	52.64	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	25772	42.86	ng		96
31) Naphthalene	11.03	128	83449	48.47	ng		99
32) Benzoic acid	10.19	122	2937	5.90	ng		90
33) 4-Chloroaniline	11.13	127	6504	9.04	ng		94
34) Hexachlorobutadiene	11.31	225	16248	40.38	ng		93
35) Caprolactam	11.90	113	11833m	66.01	ng		
36) 4-Chloro-3-methylphenol	12.23	107	37938	58.33	ng	#	86
37) 2-Methylnaphthalene	12.62	142	62745	51.90	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	32385	39.26	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	42631	78.60	ng		98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021122.D
Acq On : 27 Feb 2016 19:42
Operator : UM/SJ
Sample : H1565-04MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:03 PM

Quant Time: Feb 29 02:25:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	25670	49.63	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	28659	53.93	ng		90
45) 1,1'-Biphenyl	13.61	154	83632	44.50	ng		96
46) 2-Chloronaphthalene	13.66	162	66124	46.37	ng		98
47) 2-Nitroaniline	13.85	65	31321	67.78	ng	#	75
48) Acenaphthylene	14.50	152	109821	48.67	ng		98
49) Dimethylphthalate	14.22	163	123460	64.18	ng	#	98
50) 2,6-Dinitrotoluene	14.35	165	20677	52.25	ng	#	71
51) Acenaphthene	14.84	154	77261	50.20	ng		99
52) 3-Nitroaniline	14.67	138	7678	19.94	ng	#	69
53) 2,4-Dinitrophenol	14.87	184	16315	59.13	ng	#	83
54) Dibenzofuran	15.17	168	104053	53.37	ng		91
55) 4-Nitrophenol	14.97	139	40001	117.12	ng	#	57
56) 2,4-Dinitrotoluene	15.13	165	31315	55.18	ng	#	85
57) Fluorene	15.82	166	91774	48.39	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	26078	56.46	ng	#	97
59) Diethylphthalate	15.58	149	105381	51.98	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	46512	44.58	ng		96
61) 4-Nitroaniline	15.83	138	24085	54.93	ng	#	58
62) Azobenzene	16.10	77	115387	65.69	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	19499	46.92	ng		94
65) n-Nitrosodiphenylamine	16.02	169	84536	50.58	ng		92
66) 4-Bromophenyl-phenylether	16.70	248	28739	43.08	ng	#	87
67) Hexachlorobenzene	16.81	284	29122	41.38	ng	#	93
68) Atrazine	16.96	200	33044	53.35	ng		100
69) Pentachlorophenol	17.16	266	42214	88.86	ng		95
70) Phenanthrene	17.56	178	150640	49.42	ng		98
71) Anthracene	17.64	178	152343	49.62	ng		99
72) Carbazole	17.91	167	144007	54.33	ng		98
73) Di-n-butylphthalate	18.45	149	184987	52.94	ng	#	97
74) Fluoranthene	19.55	202	180542	47.21	ng		98
76) Benzidine	19.72	184	48500	30.24	ng		100
77) Pyrene	19.91	202	185479	54.95	ng		98
79) Butylbenzylphthalate	20.78	149	83344	59.17	ng		88
80) Benzo(a)anthracene	21.76	228	177374	50.57	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	21655	15.78	ng		94
82) Chrysene	21.83	228	158113	46.81	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	123197	56.64	ng		96
84) Di-n-octyl phthalate	22.88	149	207955	57.05	ng		98
85) Indeno(1,2,3-cd)pyrene	28.81	276	186229	45.73	ng	#	100
87) Benzo(b)fluoranthene	24.02	252	173413	49.54	ng		98
88) Benzo(k)fluoranthene	24.09	252	168869	48.94	ng		97
89) Benzo(a)pyrene	24.91	252	166651	49.59	ng		97
90) Dibenzo(a,h)anthracene	28.87	278	157855	46.60	ng		99
91) Benzo(g,h,i)perylene	29.99	276	151827	46.53	ng		95

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021122.D
Acq On : 27 Feb 2016 19:42
Operator : UM/SJ
Sample : H1565-04MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Feb 29 02:25:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:03 PM