Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023378.D
Acq On : 31 Jul 2016 21:40
Operator : UM/SJ
Sample : H4223-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Manual Integrations APPROVED
sohil
8/1/2016 7:13:20 PM

Quant Time: Aug 01 03:04:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	180179	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	882739	20.00	ng		-0.03
38) Acenaphthene-d10	14.79	164	626168	20.00	ng		-0.02
63) Phenanthrene-d10	17.54	188	1446289	20.00	ng		-0.03
75) Chrysene-d12	21.86	240	1196676	20.00	ng		-0.03
86) Perylene-d12	25.24	264	1235731	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1311911	124.30	ng		0.00
7) Phenol-d6	7.28	99	2037697	125.75	ng		0.00
23) Nitrobenzene-d5	9.30	82	1341083	74.29	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	987121	152.31	ng		-0.02
44) 2-Fluorobiphenyl	13.40	172	2657800	79.44	ng		-0.02
78) Terphenyl-d14	20.15	244	3011790	81.81	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	119811	26.47	ng	#	94
3) Pyridine	3.93	79	403575	25.47	ng	#	92
4) n-Nitrosodimethylamine	3.84	42	191996	26.82	ng	#	70
6) Aniline	7.45	93	858770	39.68	ng		95
8) 2-Chlorophenol	7.69	128	517355	43.93	ng		98
9) Benzaldehyde	7.25	77	355541	30.55	ng		92
10) Phenol	7.31	94	833109	48.73	ng	#	79
11) bis(2-Chloroethyl)ether	7.53	93	534710	36.80	ng		95
12) 1,3-Dichlorobenzene	8.01	146	484276	36.49	ng		94
13) 1,4-Dichlorobenzene	8.16	146	491849	36.33	ng		96
14) 1,2-Dichlorobenzene	8.48	146	492355	37.70	ng		94
15) Benzyl Alcohol	8.36	79	598461	54.88	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	764144	33.04	ng		90
17) 2-Methylphenol	8.57	107	535141	45.79	ng	#	84
18) Hexachloroethane	9.22	117	183587	32.55	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	565678	38.81	ng		96
20) 3+4-Methylphenols	8.90	107	761579	47.93	ng		91
22) Acetophenone	8.95	105	806950	35.01	ng	#	88
24) Nitrobenzene	9.34	77	751524	35.85	ng	#	87
25) Isophorone	9.87	82	1512815	40.58	ng	#	92
26) 2-Nitrophenol	10.06	139	336339	42.48	ng	#	77
27) 2,4-Dimethylphenol	10.12	122	574576	43.05	ng		84
28) bis(2-Chloroethoxy)methane	10.35	93	871269	41.65	ng		98
29) 2,4-Dichlorophenol	10.60	162	629172	48.70	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	554032	38.80	ng		99
31) Naphthalene	11.00	128	1657468	40.41	ng		99
32) Benzoic acid	10.12	122	574576	52.06	ng	#	6
33) 4-Chloroaniline	11.12	127	715853	37.78	ng		92
34) Hexachlorobutadiene	11.28	225	333446	35.63	ng		98
35) Caprolactam	11.90	113	244533m	44.51	ng		
36) 4-Chloro-3-methylphenol	12.24	107	761609	44.87	ng		92
37) 2-Methylnaphthalene	12.61	142	1297264	42.66	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	614874	30.33	ng		98
40) Hexachlorocyclopentadiene	12.95	237	707675	73.67	ng		98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023378.D
Acq On : 31 Jul 2016 21:40
Operator : UM/SJ
Sample : H4223-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Manual Integrations APPROVED
sohil
8/1/2016 7:13:20 PM

Quant Time: Aug 01 03:04:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	538089	45.19	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	581109	46.01	ng		96
45) 1,1'-Biphenyl	13.61	154	1583023	36.25	ng		91
46) 2-Chloronaphthalene	13.66	162	1389734	39.71	ng		96
47) 2-Nitroaniline	13.87	65	614582	41.52	ng		89
48) Acenaphthylene	14.51	152	2176656	40.63	ng		94
49) Dimethylphthalate	14.24	163	2376633	51.43	ng	#	93
50) 2,6-Dinitrotoluene	14.36	165	477134	44.09	ng	#	78
51) Acenaphthene	14.85	154	1407589	40.50	ng		99
52) 3-Nitroaniline	14.70	138	487771	44.75	ng	#	74
53) 2,4-Dinitrophenol	14.90	184	217371	34.31	ng	#	88
54) Dibenzofuran	15.19	168	2167899	44.08	ng		99
55) 4-Nitrophenol	15.01	139	741017	78.38	ng	#	74
56) 2,4-Dinitrotoluene	15.15	165	674414	44.26	ng		89
57) Fluorene	15.84	166	1817308	41.85	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	544991	50.96	ng		94
59) Diethylphthalate	15.59	149	1958942	41.39	ng		93
60) 4-Chlorophenyl-phenylether	15.82	204	957407	40.73	ng		98
61) 4-Nitroaniline	15.87	138	513127	44.90	ng	#	59
62) Azobenzene	16.12	77	2099672	42.79	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	371849	40.03	ng		93
65) n-Nitrosodiphenylamine	16.05	169	1693761	43.87	ng	#	92
66) 4-Bromophenyl-phenylether	16.73	248	674697	46.14	ng		95
67) Hexachlorobenzene	16.84	284	705871	48.01	ng		97
68) Atrazine	16.99	200	680645	45.95	ng		97
69) Pentachlorophenol	17.20	266	750679	82.72	ng		99
70) Phenanthrene	17.59	178	2723089	43.04	ng	#	89
71) Anthracene	17.68	178	2784800	43.57	ng	#	91
72) Carbazole	17.95	167	2529727	43.21	ng		93
73) Di-n-butylphthalate	18.49	149	2759460	42.25	ng	#	95
74) Fluoranthene	19.60	202	2801216	38.80	ng		89
76) Benzidine	19.78	184	1612793	47.92	ng		97
77) Pyrene	19.96	202	2809034	41.36	ng		94
79) Butylbenzylphthalate	20.84	149	1249825	41.83	ng		96
80) Benzo(a)anthracene	21.84	228	2618879	41.80	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	981076	38.62	ng	#	97
82) Chrysene	21.91	228	2446609	40.42	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1712742	40.97	ng		97
84) Di-n-octyl phthalate	22.99	149	2871987	42.00	ng		100
85) Indeno(1,2,3-cd)pyrene	29.10	276	3383911	47.92	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2827911	43.08	ng	#	95
88) Benzo(k)fluoranthene	24.23	252	2712444	41.33	ng	#	94
89) Benzo(a)pyrene	25.08	252	2772375	43.10	ng	#	95
90) Dibenzo(a,h)anthracene	29.17	278	2822851	46.39	ng	#	94
91) Benzo(g,h,i)perylene	30.32	276	2796861	43.66	ng	#	89

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023378.D
Acq On : 31 Jul 2016 21:40
Operator : UM/SJ
Sample : H4223-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 01 03:04:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-32-16-17MS

Manual Integrations APPROVED
sohil
8/1/2016 7:13:20 PM