Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022424.D
Acq On : 18 Jun 2016 15:19
Operator : UM/SJ
Sample : H3580-19MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 08-B6(0-8)CMSD

Manual Integrations APPROVED
sohil
6/20/2016 6:52:37 PM

Quant Time: Jun 20 12:00:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24456	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	125414	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	73480	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	160259	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	140090	20.00	ng		-0.05
86) Perylene-d12	24.92	264	127622	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	167942	132.77	ng		-0.04
7) Phenol-d6	7.23	99	258241	129.85	ng		-0.02
23) Nitrobenzene-d5	9.22	82	142307	79.11	ng		-0.04
41) 2,4,6-Tribromophenol	16.17	330	79873	96.20	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	347877	72.15	ng		-0.04
78) Terphenyl-d14	20.02	244	412783	69.95	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	16861	27.80	ng	#	75
3) Pyridine	3.82	79	47822	29.18	ng		95
4) n-Nitrosodimethylamine	3.74	42	14899	40.65	ng	#	88
6) Aniline	7.37	93	66222	26.21	ng	#	84
8) 2-Chlorophenol	7.61	128	73195	41.87	ng	#	82
10) Phenol	7.26	94	91681	44.71	ng		83
11) bis(2-Chloroethyl)ether	7.46	93	61581	37.67	ng	#	76
12) 1,3-Dichlorobenzene	7.93	146	64248	34.28	ng	#	94
13) 1,4-Dichlorobenzene	8.08	146	66858	35.81	ng		94
14) 1,2-Dichlorobenzene	8.40	146	67880	36.06	ng		96
15) Benzyl Alcohol	8.29	79	53850	41.91	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.57	45	70871	41.78	ng		80
17) 2-Methylphenol	8.51	107	64829	42.37	ng	#	85
18) Hexachloroethane	9.12	117	25011	36.68	ng	#	78
19) n-Nitroso-di-n-propylamine	8.85	70	52929	39.32	ng	#	72
20) 3+4-Methylphenols	8.84	107	86919	39.60	ng		98
22) Acetophenone	8.87	105	101070	37.40	ng	#	84
24) Nitrobenzene	9.26	77	70721	39.09	ng	#	86
25) Isophorone	9.78	82	157916	37.52	ng	#	94
26) 2-Nitrophenol	9.98	139	38189	38.93	ng	#	78
27) 2,4-Dimethylphenol	10.04	122	75489	42.52	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	92336	38.29	ng		94
29) 2,4-Dichlorophenol	10.53	162	65992	40.12	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	66923	36.41	ng		96
31) Naphthalene	10.91	128	232809	37.19	ng	#	94
33) 4-Chloroaniline	11.03	127	52140	20.03	ng	#	91
34) Hexachlorobutadiene	11.18	225	33809	34.27	ng		96
35) Caprolactam	11.80	113	28453m	31.53	ng		
36) 4-Chloro-3-methylphenol	12.17	107	77324	39.66	ng		89
37) 2-Methylnaphthalene	12.51	142	168375	36.43	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	69306	36.64	ng		99
40) Hexachlorocyclopentadiene	12.85	237	37865	41.88	ng		98
42) 2,4,6-Trichlorophenol	13.13	196	48058	37.87	ng		99
43) 2,4,5-Trichlorophenol	13.22	196	52430	37.40	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022424.D
Acq On : 18 Jun 2016 15:19
Operator : UM/SJ
Sample : H3580-19MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 08-B6(0-8)CMSD

Manual Integrations APPROVED
sohil
6/20/2016 6:52:37 PM

Quant Time: Jun 20 12:00:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.51	154	217423	39.32	ng		94
46) 2-Chloronaphthalene	13.56	162	169175	39.91	ng		96
47) 2-Nitroaniline	13.78	65	42173	41.72	ng	#	65
48) Acenaphthylene	14.41	152	289949	38.98	ng		98
49) Dimethylphthalate	14.13	163	299157	49.10	ng		98
50) 2,6-Dinitrotoluene	14.27	165	51278	38.72	ng	#	77
51) Acenaphthene	14.75	154	170201	38.20	ng		97
52) 3-Nitroaniline	14.61	138	36302	24.71	ng	#	76
53) 2,4-Dinitrophenol	14.83	184	6782	21.75	ng	#	80
54) Dibenzofuran	15.08	168	262969	37.81	ng		100
55) 4-Nitrophenol	14.95	139	53193	52.47	ng	#	76
56) 2,4-Dinitrotoluene	15.06	165	66848	37.63	ng	#	86
57) Fluorene	15.73	166	220019	36.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	41983	33.39	ng		92
59) Diethylphthalate	15.49	149	238198	36.60	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	98892	36.45	ng		94
61) 4-Nitroaniline	15.78	138	44811m	28.76	ng		
62) Azobenzene	16.00	77	199795	40.54	ng		89
64) 4,6-Dinitro-2-methylphenol	15.82	198	23536	31.14	ng		81
65) n-Nitrosodiphenylamine	15.93	169	185833	40.25	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	56042	37.32	ng		97
67) Hexachlorobenzene	16.73	284	60727	34.70	ng		98
68) Atrazine	16.87	200	60572	35.44	ng		96
69) Pentachlorophenol	17.09	266	36751	49.17	ng		98
70) Phenanthrene	17.47	178	327144	37.58	ng		100
71) Anthracene	17.56	178	326673	37.84	ng		97
72) Carbazole	17.84	167	293855	35.94	ng		99
73) Di-n-butylphthalate	18.37	149	404296	37.82	ng		99
74) Fluoranthene	19.48	202	353596	35.34	ng		96
76) Benzidine	19.66	184	127373	34.77	ng		99
77) Pyrene	19.84	202	352016	40.42	ng		99
79) Butylbenzylphthalate	20.70	149	174976	43.32	ng		94
80) Benzo(a)anthracene	21.67	228	295386	37.60	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	45287	20.53	ng		97
82) Chrysene	21.74	228	295947	38.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	254764	42.89	ng		95
84) Di-n-octyl phthalate	22.75	149	429442	43.55	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.64	276	298766	34.84	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	284118	38.17	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	277906	37.93	ng	#	95
89) Benzo(a)pyrene	24.78	252	275226	38.67	ng	#	96
90) Dibenzo(a,h)anthracene	28.70	278	245546	36.63	ng	#	94
91) Benzo(g,h,i)perylene	29.81	276	252337	36.18	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022424.D
Acq On : 18 Jun 2016 15:19
Operator : UM/SJ
Sample : H3580-19MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jun 20 12:00:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
08-B6(0-8)CMSD

Manual Integrations APPROVED
sohil
6/20/2016 6:52:37 PM