Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016980.D
Acq On : 9 May 2015 7:04
Operator : TP/IZ
Sample : G2059-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14MSD

Manual Integrations APPROVED
apatel
5/12/2015 8:30:17 AM

Quant Time: May 11 01:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	57371	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	265260	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	180460	20.00	ng		-0.01
63) Phenanthrene-d10	17.17	188	408057	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	404247	20.00	ng		-0.02
86) Perylene-d12	23.65	264	394441	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	249550	75.74	ng		-0.01
7) Phenol-d6	6.96	99	232547	49.40	ng		0.00
23) Nitrobenzene-d5	8.95	82	502684	92.58	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	309119	170.63	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	1060578	88.69	ng		-0.02
78) Terphenyl-d14	19.80	244	1629275	94.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	24111	17.46	ng	#	1
3) Pyridine	3.68	79	55576	13.02	ng		99
4) n-Nitrosodimethylamine	3.60	42	49681	19.50	ng		93
6) Aniline	7.12	93	113939	17.24	ng		95
8) 2-Chlorophenol	7.36	128	161861	42.40	ng		92
9) Benzaldehyde	6.93	77	16346	4.15	ng		97
10) Phenol	6.99	94	85816	17.00	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	183221	46.94	ng		98
12) 1,3-Dichlorobenzene	7.68	146	163569	38.86	ng		97
13) 1,4-Dichlorobenzene	7.82	146	175225	41.10	ng		94
14) 1,2-Dichlorobenzene	8.14	146	168830	41.26	ng		95
15) Benzyl Alcohol	8.03	79	136508	31.75	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.33	45	313015	43.32	ng		98
17) 2-Methylphenol	8.23	107	126372	35.55	ng		98
18) Hexachloroethane	8.87	117	67127	38.30	ng		99
19) n-Nitroso-di-n-propylamine	8.59	70	183510	44.46	ng		92
20) 3+4-Methylphenols	8.56	107	158014	32.26	ng		89
22) Acetophenone	8.61	105	306681	48.54	ng		97
24) Nitrobenzene	8.99	77	255852	46.66	ng		98
25) Isophorone	9.52	82	497237	45.35	ng		99
26) 2-Nitrophenol	9.70	139	109758	49.16	ng		92
27) 2,4-Dimethylphenol	9.76	122	180824	44.75	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	267437	48.32	ng		98
29) 2,4-Dichlorophenol	10.23	162	190570	49.92	ng		97
30) 1,2,4-Trichlorobenzene	10.45	180	178221	44.03	ng		97
31) Naphthalene	10.63	128	577340	43.76	ng		99
32) Benzoic acid	9.85	122	37950	19.47	ng		97
33) 4-Chloroaniline	10.74	127	101715	16.69	ng		95
34) Hexachlorobutadiene	10.92	225	99576	39.31	ng		97
35) Caprolactam	11.51	113	17313m	8.73	ng		
36) 4-Chloro-3-methylphenol	11.87	107	233848	47.84	ng		96
37) 2-Methylnaphthalene	12.25	142	478200	47.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	217354	44.56	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	253140	80.35	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016980.D
Acq On : 9 May 2015 7:04
Operator : TP/IZ
Sample : G2059-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MWHR3-14MSD

Manual Integrations APPROVED
apatel
5/12/2015 8:30:17 AM

Quant Time: May 11 01:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	168265	48.67	ng		93
43) 2,4,5-Trichlorophenol	12.93	196	185231	50.48	ng		98
45) 1,1'-Biphenyl	13.26	154	619586	47.96	ng		100
46) 2-Chloronaphthalene	13.30	162	489892	47.87	ng		98
47) 2-Nitroaniline	13.51	65	210236	59.02	ng		100
48) Acenaphthylene	14.15	152	835926	46.90	ng		99
49) Dimethylphthalate	13.89	163	676097	50.17	ng		100
50) 2,6-Dinitrotoluene	14.01	165	159542	57.03	ng		94
51) Acenaphthene	14.50	154	504924	47.61	ng		98
52) 3-Nitroaniline	14.34	138	82939	26.06	ng		89
53) 2,4-Dinitrophenol	14.54	184	150867	117.90	ng		88
54) Dibenzofuran	14.83	168	766869	50.92	ng		95
55) 4-Nitrophenol	14.65	139	113543	42.07	ng		94
56) 2,4-Dinitrotoluene	14.80	165	222543	62.18	ng		99
57) Fluorene	15.48	166	667752	50.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	165350	52.22	ng	#	77
59) Diethylphthalate	15.26	149	723142	50.84	ng		98
60) 4-Chlorophenyl-phenylether	15.47	204	335243	50.04	ng		99
61) 4-Nitroaniline	15.50	138	174875	47.39	ng		94
62) Azobenzene	15.77	77	765944	51.99	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	114307	56.50	ng		91
65) n-Nitrosodiphenylamine	15.69	169	596187	47.86	ng		96
66) 4-Bromophenyl-phenylether	16.37	248	205922	50.28	ng		98
67) Hexachlorobenzene	16.48	284	219906	50.91	ng		96
68) Atrazine	16.64	200	234867	52.39	ng		98
69) Pentachlorophenol	16.82	266	271890	96.96	ng		96
70) Phenanthrene	17.22	178	1017386	48.45	ng		99
71) Anthracene	17.31	178	1030833	48.66	ng		99
72) Carbazole	17.58	167	991545	49.23	ng		100
73) Di-n-butylphthalate	18.14	149	1267143	48.53	ng		99
74) Fluoranthene	19.23	202	1152245	47.29	ng		98
76) Benzidine	19.42	184	410340	29.87	ng		99
77) Pyrene	19.59	202	1179295	49.43	ng		99
79) Butylbenzylphthalate	20.49	149	564168	49.75	ng		99
80) Benzo(a)anthracene	21.33	228	1080357	49.82	ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	221110	26.11	ng		100
82) Chrysene	21.39	228	1002685	49.36	ng		98
83) Bis(2-ethylhexyl)phthalate	21.27	149	771248	49.72	ng		97
84) Di-n-octyl phthalate	22.15	149	1286536	49.37	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1239279	51.20	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1123590	51.13	ng		98
88) Benzo(k)fluoranthene	23.00	252	1028688	48.66	ng		100
89) Benzo(a)pyrene	23.55	252	1044127	50.96	ng		97
90) Dibenzo(a,h)anthracene	26.02	278	1061671	50.73	ng		97
91) Benzo(g,h,i)perylene	26.73	276	1009860	50.67	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016980.D
Acq On : 9 May 2015 7:04
Operator : TP/IZ
Sample : G2059-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 11 01:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MSD

Manual Integrations APPROVED
apatel
5/12/2015 8:30:17 AM