Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023436.D
Acq On : 3 Aug 2016 22:02
Operator : UM/SJ
Sample : H4287-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-60-7.0-8.0MSD

Manual Integrations APPROVED
sohil
8/4/2016 6:09:05 PM

Quant Time: Aug 04 03:40:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	102823	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	478363	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	362488	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	917106	20.00	ng		0.00
75) Chrysene-d12	21.86	240	928374	20.00	ng		0.00
86) Perylene-d12	25.24	264	904609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	952492	155.93	ng		0.00
7) Phenol-d6	7.28	99	1455237	152.95	ng		0.00
23) Nitrobenzene-d5	9.29	82	966396	100.44	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	757477	142.87	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1952226	90.84	ng		0.00
78) Terphenyl-d14	20.15	244	2761254	95.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	95939	36.86	ng		96
3) Pyridine	3.92	79	295942	34.60	ng		96
4) n-Nitrosodimethylamine	3.84	42	147048	46.37	ng	#	73
6) Aniline	7.44	93	594268	43.23	ng		95
8) 2-Chlorophenol	7.68	128	367583	52.38	ng		95
9) Benzaldehyde	7.25	77	244409	47.40	ng		96
10) Phenol	7.30	94	577718	56.76	ng		83
11) bis(2-Chloroethyl)ether	7.53	93	378513	46.62	ng		94
12) 1,3-Dichlorobenzene	8.01	146	365065m	45.44	ng		
13) 1,4-Dichlorobenzene	8.15	146	379603	46.15	ng		92
14) 1,2-Dichlorobenzene	8.48	146	362484	44.93	ng		94
15) Benzyl Alcohol	8.36	79	437781	60.73	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	513588	43.01	ng		94
17) 2-Methylphenol	8.57	107	366542	53.72	ng		91
18) Hexachloroethane	9.21	117	138386	44.70	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	385283	47.08	ng		99
20) 3+4-Methylphenols	8.89	107	519678	54.02	ng		91
22) Acetophenone	8.95	105	568342	43.39	ng	#	91
24) Nitrobenzene	9.34	77	545983	51.24	ng	#	89
25) Isophorone	9.86	82	1044863	52.13	ng	#	94
26) 2-Nitrophenol	10.05	139	227669	50.63	ng	#	80
27) 2,4-Dimethylphenol	10.11	122	393253	51.36	ng		85
28) bis(2-Chloroethoxy)methane	10.34	93	577702	47.95	ng		99
29) 2,4-Dichlorophenol	10.60	162	444480	57.73	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	401445	48.35	ng		99
31) Naphthalene	11.00	128	1178508	48.38	ng		98
32) Benzoic acid	10.23	122	148641	24.70	ng		94
33) 4-Chloroaniline	11.11	127	356652	30.63	ng		93
34) Hexachlorobutadiene	11.28	225	266358	48.78	ng		92
35) Caprolactam	11.90	113	175274m	54.11	ng		
36) 4-Chloro-3-methylphenol	12.24	107	551446	54.51	ng		95
37) 2-Methylnaphthalene	12.61	142	920128m	49.68	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	473405	36.01	ng		99
40) Hexachlorocyclopentadiene	12.95	237	609115	91.89	ng		97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023436.D
Acq On : 3 Aug 2016 22:02
Operator : UM/SJ
Sample : H4287-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-60-7.0-8.0MSD

Manual Integrations APPROVED
sohil
8/4/2016 6:09:05 PM

Quant Time: Aug 04 03:40:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	393739	50.28	ng		95
43) 2,4,5-Trichlorophenol	13.29	196	415229	51.51	ng		94
45) 1,1'-Biphenyl	13.61	154	1142185	41.22	ng		96
46) 2-Chloronaphthalene	13.66	162	999327	46.62	ng		96
47) 2-Nitroaniline	13.86	65	453454	50.95	ng	#	86
48) Acenaphthylene	14.51	152	1617315	47.73	ng		99
49) Dimethylphthalate	14.23	163	2010209	72.28	ng	#	95
50) 2,6-Dinitrotoluene	14.36	165	333837	50.68	ng	#	80
51) Acenaphthene	14.85	154	1023441	47.68	ng		98
52) 3-Nitroaniline	14.69	138	298310	40.17	ng		84
53) 2,4-Dinitrophenol	14.90	184	400658	94.90	ng		89
54) Dibenzofuran	15.18	168	1625703	52.16	ng		97
55) 4-Nitrophenol	15.01	139	573127	98.25	ng	#	82
56) 2,4-Dinitrotoluene	15.15	165	489313	52.93	ng	#	94
57) Fluorene	15.83	166	1353709	49.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	440771	59.59	ng		98
59) Diethylphthalate	15.59	149	1442911	51.11	ng		96
60) 4-Chlorophenyl-phenylether	15.82	204	708255	49.21	ng		99
61) 4-Nitroaniline	15.87	138	381201	48.21	ng	#	66
62) Azobenzene	16.11	77	1570397	54.88	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	319294	51.21	ng		97
65) n-Nitrosodiphenylamine	16.04	169	1264684	47.01	ng		96
66) 4-Bromophenyl-phenylether	16.72	248	510911	47.80	ng		93
67) Hexachlorobenzene	16.84	284	549797	47.01	ng		97
68) Atrazine	16.99	200	535418	51.84	ng		98
69) Pentachlorophenol	17.19	266	676461	99.22	ng		98
70) Phenanthrene	17.59	178	2196548	47.20	ng		95
71) Anthracene	17.68	178	2241594	47.89	ng		97
72) Carbazole	17.95	167	2107519	51.28	ng		98
73) Di-n-butylphthalate	18.49	149	2290670	57.01	ng		98
74) Fluoranthene	19.60	202	2501653	60.04	ng		94
76) Benzidine	19.78	184	910464	35.28	ng		99
77) Pyrene	19.96	202	2519468	48.63	ng		96
79) Butylbenzylphthalate	20.84	149	1116354	49.94	ng		96
80) Benzo(a)anthracene	21.84	228	2419417	47.21	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	741489	35.28	ng	#	99
82) Chrysene	21.91	228	2280427	46.77	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1476674	48.24	ng		100
84) Di-n-octyl phthalate	22.98	149	2444692	46.79	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2892398	47.48	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2535930	49.82	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	2356471	48.20	ng	#	94
89) Benzo(a)pyrene	25.08	252	2398203	49.54	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	2452837	49.60	ng	#	90
91) Benzo(g,h,i)perylene	30.32	276	2387538	47.95	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023436.D
Acq On : 3 Aug 2016 22:02
Operator : UM/SJ
Sample : H4287-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 03:40:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-60-7.0-8.0MSD

Manual Integrations APPROVED
sohil
8/4/2016 6:09:05 PM