Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084863.D
Acq On : 5 Feb 2016 16:51
Operator : SJ/IZ
Sample : H1311-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(25-27)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:02:56 PM

Quant Time: Feb 05 22:33:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	168515	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	705015	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	323791	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	570843	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	377457	20.00	ng		-0.03
86) Perylene-d12	15.17	264	322105	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1335840	123.47	ng		-0.01
7) Phenol-d6	6.32	99	1585464	118.21	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1033660	82.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	371980	110.14	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1602704	82.54	ng		-0.02
78) Terphenyl-d14	12.76	244	1312994	78.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	151707	32.01	ng	#	72
3) Pyridine	2.86	79	408159	33.06	ng	#	77
4) n-Nitrosodimethylamine	2.82	42	249015	38.99	ng		82
6) Aniline	6.33	93	509496	31.04	ng	#	65
8) 2-Chlorophenol	6.45	128	492153	40.19	ng		93
9) Benzaldehyde	6.20	77	175380	22.14	ng		99
10) Phenol	6.34	94	542752	36.12	ng		87
11) bis(2-Chloroethyl)ether	6.41	93	443599m	37.86	ng		
12) 1,3-Dichlorobenzene	6.60	146	505332m	39.06	ng		
13) 1,4-Dichlorobenzene	6.68	146	518454	40.08	ng		93
14) 1,2-Dichlorobenzene	6.83	146	435429	36.14	ng		96
15) Benzyl Alcohol	6.82	79	409058	44.17	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	747055	37.90	ng		87
17) 2-Methylphenol	6.94	107	415217	42.87	ng	#	92
18) Hexachloroethane	7.17	117	190630	38.27	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	336980	40.08	ng	#	76
20) 3+4-Methylphenols	7.09	107	487657	40.57	ng	#	79
22) Acetophenone	7.08	105	683951	36.81	ng		99
24) Nitrobenzene	7.25	77	492329	36.74	ng		96
25) Isophorone	7.49	82	947050	38.92	ng		97
26) 2-Nitrophenol	7.57	139	285389	43.18	ng		91
27) 2,4-Dimethylphenol	7.62	122	432400	37.61	ng		94
28) bis(2-Chloroethoxy)methane	7.71	93	551776	38.22	ng		99
29) 2,4-Dichlorophenol	7.81	162	389328	39.58	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	407598	36.68	ng		96
31) Naphthalene	7.97	128	1399654	39.58	ng		99
32) Benzoic acid	7.71	122	29209	3.97	ng		96
33) 4-Chloroaniline	8.03	127	330437	22.59	ng		94
34) Hexachlorobutadiene	8.10	225	233101	36.38	ng		99
35) Caprolactam	8.41	113	128598m	42.41	ng		
36) 4-Chloro-3-methylphenol	8.52	107	456024	40.63	ng		94
37) 2-Methylnaphthalene	8.66	142	862300	38.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	393261	38.24	ng		99
40) Hexachlorocyclopentadiene	8.82	237	354661	78.66	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084863.D
Acq On : 5 Feb 2016 16:51
Operator : SJ/IZ
Sample : H1311-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(25-27)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:02:56 PM

Quant Time: Feb 05 22:33:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	261884	39.53	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	277593	41.24	ng	#	87
45) 1,1'-Biphenyl	9.13	154	1077411	37.25	ng		99
46) 2-Chloronaphthalene	9.15	162	846168	39.73	ng		93
47) 2-Nitroaniline	9.25	65	295909	43.88	ng		94
48) Acenaphthylene	9.56	152	1196921	37.03	ng		98
49) Dimethylphthalate	9.45	163	1280373	51.92	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	224475	41.67	ng	#	86
51) Acenaphthene	9.73	154	787864	37.47	ng		97
52) 3-Nitroaniline	9.66	138	181722	30.02	ng		93
53) 2,4-Dinitrophenol	9.78	184	78514	35.09	ng	#	84
54) Dibenzofuran	9.90	168	1031027	40.12	ng		92
55) 4-Nitrophenol	9.85	139	306340	68.85	ng	#	82
56) 2,4-Dinitrotoluene	9.90	165	297756	43.33	ng	#	91
57) Fluorene	10.25	166	854042	39.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	244530	47.72	ng		90
59) Diethylphthalate	10.13	149	891165	37.01	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	408285	45.34	ng	#	87
61) 4-Nitroaniline	10.28	138	245779	41.66	ng		92
62) Azobenzene	10.41	77	1004185	43.37	ng		92
64) 4,6-Dinitro-2-methylphenol	10.30	198	143740	40.80	ng	#	52
65) n-Nitrosodiphenylamine	10.36	169	753739	41.58	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	249168	39.52	ng	#	77
67) Hexachlorobenzene	10.80	284	297624	43.32	ng	#	91
68) Atrazine	10.90	200	245721	42.93	ng		97
69) Pentachlorophenol	10.99	266	265251	82.15	ng		98
70) Phenanthrene	11.21	178	1352637	42.72	ng		98
71) Anthracene	11.25	178	1246192	39.06	ng		99
72) Carbazole	11.41	167	1153841	41.48	ng		100
73) Di-n-butylphthalate	11.76	149	1476607	41.69	ng	#	97
74) Fluoranthene	12.39	202	1312428	40.96	ng		97
76) Benzidine	12.51	184	574424	43.82	ng		99
77) Pyrene	12.61	202	1400529	48.46	ng		99
79) Butylbenzylphthalate	13.24	149	575585	43.90	ng		95
80) Benzo(a)anthracene	13.79	228	1012101	43.20	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	177766	21.43	ng	#	97
82) Chrysene	13.84	228	992674	43.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	715569	43.86	ng		99
84) Di-n-octyl phthalate	14.42	149	1177448	43.74	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.44	276	796860	44.56	ng		99
87) Benzo(b)fluoranthene	14.80	252	757274m	34.99	ng		
88) Benzo(k)fluoranthene	14.82	252	772535m	43.17	ng		
89) Benzo(a)pyrene	15.12	252	712937	38.66	ng	#	97
90) Dibenzo(a,h)anthracene	16.45	278	669707	43.14	ng		98
91) Benzo(g,h,i)perylene	16.83	276	687283	43.95	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084863.D
Acq On : 5 Feb 2016 16:51
Operator : SJ/IZ
Sample : H1311-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 05 22:33:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SUP-B017(25-27)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:02:56 PM