Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085064.D
Acq On : 13 Feb 2016 3:13
Operator : SJ/IZ
Sample : H1396-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(10-12)MS

Manual Integrations APPROVED
Sohil
2/15/2016 4:44:43 PM

Quant Time: Feb 13 04:24:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	145714	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	629780	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	292771	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	524862	20.00	ng		0.00
75) Chrysene-d12	17.18	240	356826	20.00	ng		0.00
86) Perylene-d12	18.80	264	287872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.15	112	1286223	154.35	ng		-0.01
7) Phenol-d6	5.44	99	1835201	165.24	ng		0.00
23) Nitrobenzene-d5	6.72	82	1154657	108.27	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	441983	146.16	ng		0.01
44) 2-Fluorobiphenyl	9.53	172	1655467	80.83	ng		0.00
78) Terphenyl-d14	15.62	244	1255853	72.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	138434	40.32	ng	#	86
3) Pyridine	2.47	79	319626	39.85	ng		97
4) n-Nitrosodimethylamine	2.46	42	150023	36.36	ng		88
6) Aniline	5.46	93	215073	17.72	ng	#	66
8) 2-Chlorophenol	5.59	128	482029	47.05	ng		91
9) Benzaldehyde	5.42	77	127210	21.26	ng		98
10) Phenol	5.46	94	598094	46.04	ng	#	79
11) bis(2-Chloroethyl)ether	5.54	93	495673	44.11	ng		98
12) 1,3-Dichlorobenzene	5.79	146	449130	44.09	ng		97
13) 1,4-Dichlorobenzene	5.91	146	461801	40.74	ng		98
14) 1,2-Dichlorobenzene	6.11	146	497826	46.72	ng		99
15) Benzyl Alcohol	6.16	79	297926	43.90	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.30	45	791596	46.26	ng		96
17) 2-Methylphenol	6.33	107	314565	42.41	ng		95
18) Hexachloroethane	6.58	117	197403	47.26	ng		89
19) n-Nitroso-di-n-propylamine	6.50	70	338083	48.32	ng		98
20) 3+4-Methylphenols	6.57	107	378323	42.58	ng	#	87
22) Acetophenone	6.50	105	722978	44.79	ng		99
24) Nitrobenzene	6.74	77	405752	34.82	ng		99
25) Isophorone	7.10	82	905853	47.35	ng		100
26) 2-Nitrophenol	7.22	139	261165	46.76	ng		97
27) 2,4-Dimethylphenol	7.35	122	425180	47.05	ng		98
28) bis(2-Chloroethoxy)methane	7.47	93	582806	49.08	ng		100
29) 2,4-Dichlorophenol	7.63	162	385819	46.97	ng		97
30) 1,2,4-Trichlorobenzene	7.70	180	444699	46.97	ng		100
31) Naphthalene	7.82	128	1476044	48.34	ng		100
33) 4-Chloroaniline	8.04	127	104418	9.02	ng		96
34) Hexachlorobutadiene	8.01	225	246330	46.46	ng		95
35) Caprolactam	8.56	113	94635m	42.86	ng		
36) 4-Chloro-3-methylphenol	8.81	107	434217	46.62	ng		97
37) 2-Methylnaphthalene	8.92	142	940795	48.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	423136	44.73	ng		100
40) Hexachlorocyclopentadiene	9.16	237	330367	83.83	ng		98
42) 2,4,6-Trichlorophenol	9.42	196	221737	42.51	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085064.D
Acq On : 13 Feb 2016 3:13
Operator : SJ/IZ
Sample : H1396-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(10-12)MS

Manual Integrations APPROVED
Sohil
2/15/2016 4:44:43 PM

Quant Time: Feb 13 04:24:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.50	196	289785	47.75	ng		96
45) 1,1'-Biphenyl	9.69	154	1184967	44.50	ng		100
46) 2-Chloronaphthalene	9.70	162	879493	46.61	ng		99
47) 2-Nitroaniline	9.94	65	271604	46.62	ng		97
48) Acenaphthylene	10.35	152	1323840	44.19	ng		99
49) Dimethylphthalate	10.24	163	1340544	61.07	ng		100
50) 2,6-Dinitrotoluene	10.33	165	197938	43.95	ng	#	90
51) Acenaphthene	10.64	154	830327	45.84	ng		99
52) 3-Nitroaniline	10.65	138	126578	25.30	ng		95
53) 2,4-Dinitrophenol	10.81	184	121329	64.62	ng		97
54) Dibenzofuran	10.92	168	1182803	48.81	ng		98
55) 4-Nitrophenol	11.03	139	257146	80.11	ng		92
56) 2,4-Dinitrotoluene	10.99	165	292507	47.68	ng		90
57) Fluorene	11.48	166	941013	45.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	258924	53.94	ng		96
59) Diethylphthalate	11.38	149	994376	45.71	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	442993	44.49	ng		94
61) 4-Nitroaniline	11.64	138	198665	43.21	ng		98
62) Azobenzene	11.77	77	1021465	48.74	ng		97
64) 4,6-Dinitro-2-methylphenol	11.64	198	126594	42.48	ng		87
65) n-Nitrosodiphenylamine	11.72	169	790834	47.45	ng		99
66) 4-Bromophenyl-phenylether	12.30	248	269240	46.05	ng	#	89
67) Hexachlorobenzene	12.35	284	288205	46.11	ng		97
68) Atrazine	12.64	200	212472	43.99	ng		97
69) Pentachlorophenol	12.72	266	231123	85.06	ng		95
70) Phenanthrene	13.04	178	1288495	44.52	ng		99
71) Anthracene	13.12	178	1456666	48.17	ng		99
72) Carbazole	13.43	167	1221675	48.79	ng		100
73) Di-n-butylphthalate	14.03	149	1476559	44.92	ng		100
74) Fluoranthene	14.96	202	1316181	45.65	ng		99
76) Benzidine	15.27	184	215380	28.31	ng		99
77) Pyrene	15.31	202	1316586	46.13	ng		99
79) Butylbenzylphthalate	16.45	149	556822	46.39	ng		98
80) Benzo(a)anthracene	17.17	228	932600	45.14	ng		99
81) 3,3'-Dichlorobenzidine	17.18	252	101644	16.93	ng		94
82) Chrysene	17.21	228	903302	45.08	ng		99
83) Bis(2-ethylhexyl)phthalate	17.27	149	717884	45.49	ng		99
84) Di-n-octyl phthalate	18.02	149	1076833	48.03	ng		100
85) Indeno(1,2,3-cd)pyrene	20.09	276	817837	49.12	ng		100
87) Benzo(b)fluoranthene	18.41	252	768825m	40.74	ng		
88) Benzo(k)fluoranthene	18.43	252	732134m	48.56	ng		
89) Benzo(a)pyrene	18.74	252	727126	45.56	ng		98
90) Dibenzo(a,h)anthracene	20.11	278	685396	45.24	ng		97
91) Benzo(g,h,i)perylene	20.47	276	698615	44.41	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085064.D
Acq On : 13 Feb 2016 3:13
Operator : SJ/IZ
Sample : H1396-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 13 04:24:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)MS

Manual Integrations APPROVED
Sohil
2/15/2016 4:44:43 PM