Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091019.D
Acq On : 4 Nov 2016 11:41
Operator : UM/SJ
Sample : H5509-28MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Manual Integrations APPROVED
sohil
11/7/2016 4:39:05 PM

Quant Time: Nov 04 12:06:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172985	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	763645	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	395159	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	606951	20.00	ng		0.00
75) Chrysene-d12	13.86	240	503610	20.00	ng		0.00
86) Perylene-d12	15.24	264	330789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	951791	90.87	ng		0.01
7) Phenol-d6	6.35	99	944968	66.47	ng		0.00
23) Nitrobenzene-d5	7.28	82	1314988	93.94	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	609739	170.68	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	2329089	101.47	ng		0.00
78) Terphenyl-d14	12.81	244	1977464	97.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	133354	22.26	ng		98
3) Pyridine	2.96	79	171633	12.25	ng		99
4) n-Nitrosodimethylamine	2.88	42	153755	27.73	ng		93
6) Aniline	6.36	93	410281	24.47	ng	#	58
8) 2-Chlorophenol	6.49	128	548675	43.92	ng		100
9) Benzaldehyde	6.25	77	71207	9.02	ng		95
10) Phenol	6.36	94	371615	23.62	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	651710	49.16	ng		98
12) 1,3-Dichlorobenzene	6.64	146	595404m	47.12	ng		
13) 1,4-Dichlorobenzene	6.72	146	604931	44.62	ng		94
14) 1,2-Dichlorobenzene	6.88	146	607579	48.83	ng		97
15) Benzyl Alcohol	6.85	79	360291	35.93	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	742796	39.13	ng		91
17) 2-Methylphenol	6.98	107	392492	39.68	ng		99
18) Hexachloroethane	7.22	117	252484	48.12	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	532552	54.06	ng		98
20) 3+4-Methylphenols	7.14	107	502231	42.29	ng		99
22) Acetophenone	7.13	105	923712	52.53	ng		97
24) Nitrobenzene	7.30	77	786333	50.86	ng		95
25) Isophorone	7.54	82	1420187	52.65	ng		99
26) 2-Nitrophenol	7.61	139	326145	49.85	ng		91
27) 2,4-Dimethylphenol	7.66	122	550771	50.90	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	906104	61.49	ng		99
29) 2,4-Dichlorophenol	7.86	162	496162	52.54	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	561500	52.88	ng		99
31) Naphthalene	8.02	128	1837002	50.30	ng		100
32) Benzoic acid	7.78	122	159189	21.94	ng		99
33) 4-Chloroaniline	8.08	127	365472	24.06	ng		98
34) Hexachlorobutadiene	8.13	225	296883	51.80	ng		99
35) Caprolactam	8.45	113	36977m	12.46	ng		
36) 4-Chloro-3-methylphenol	8.56	107	544558	47.63	ng		87
37) 2-Methylnaphthalene	8.70	142	1159440	49.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	566127	56.19	ng		99
40) Hexachlorocyclopentadiene	8.86	237	503764	124.72	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091019.D
Acq On : 4 Nov 2016 11:41
Operator : UM/SJ
Sample : H5509-28MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Manual Integrations APPROVED
sohil
11/7/2016 4:39:05 PM

Quant Time: Nov 04 12:06:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	364743	56.08	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	352056	51.56	ng	#	92
45) 1,1'-Biphenyl	9.17	154	1458009	50.53	ng		99
46) 2-Chloronaphthalene	9.20	162	1162111	53.05	ng		99
47) 2-Nitroaniline	9.30	65	415382	51.09	ng		98
48) Acenaphthylene	9.61	152	1588123	46.52	ng		99
49) Dimethylphthalate	9.48	163	1425464	55.01	ng		100
50) 2,6-Dinitrotoluene	9.55	165	308094	55.48	ng	#	48
51) Acenaphthene	9.78	154	990375	46.21	ng		99
52) 3-Nitroaniline	9.71	138	193647	29.41	ng		97
53) 2,4-Dinitrophenol	9.82	184	304608	99.08	ng	#	91
54) Dibenzofuran	9.95	168	1438723	49.87	ng		99
55) 4-Nitrophenol	9.89	139	203627	48.84	ng	#	76
56) 2,4-Dinitrotoluene	9.95	165	406555	57.54	ng		92
57) Fluorene	10.29	166	1078624	45.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	313258	58.56	ng		98
59) Diethylphthalate	10.18	149	1282907	48.29	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	593393	55.29	ng		96
61) 4-Nitroaniline	10.33	138	259773	39.00	ng		98
62) Azobenzene	10.45	77	1390788	44.47	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	213410	57.42	ng		90
65) n-Nitrosodiphenylamine	10.41	169	1003060	51.99	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	346199	54.84	ng		88
67) Hexachlorobenzene	10.84	284	413838	59.43	ng		93
68) Atrazine	10.95	200	296015	53.19	ng		99
69) Pentachlorophenol	11.04	266	392547	127.29	ng		99
70) Phenanthrene	11.25	178	1737391	53.85	ng		99
71) Anthracene	11.30	178	1678644	48.94	ng		100
72) Carbazole	11.46	167	1414247	45.75	ng		99
73) Di-n-butylphthalate	11.80	149	2099313	54.00	ng		100
74) Fluoranthene	12.43	202	1709522	51.09	ng		97
77) Pyrene	12.66	202	1641102	49.76	ng		100
79) Butylbenzylphthalate	13.29	149	819302	51.93	ng		93
80) Benzo(a)anthracene	13.85	228	1467479	51.32	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	312228	31.08	ng	#	96
82) Chrysene	13.89	228	1473553	52.26	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	1148988	53.82	ng	#	98
84) Di-n-octyl phthalate	14.47	149	2072207	59.03	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	1136668	48.59	ng		99
87) Benzo(b)fluoranthene	14.87	252	1314583m	58.59	ng		
88) Benzo(k)fluoranthene	14.89	252	1029976m	52.34	ng		
89) Benzo(a)pyrene	15.20	252	1084686	55.54	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	978015	57.93	ng		100
91) Benzo(g,h,i)perylene	16.96	276	900314	58.96	ng		100

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091019.D
Acq On : 4 Nov 2016 11:41
Operator : UM/SJ
Sample : H5509-28MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:06:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Manual Integrations APPROVED

sohil
11/7/2016 4:39:05 PM