Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093641.D
Acq On : 14 Mar 2017 7:06
Operator : SJ/MA
Sample : I2201-17MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-112MSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:42 PM

Quant Time: Mar 15 08:56:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169192	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	737526	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	346268	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	628613	20.00	ng		0.00
75) Chrysene-d12	13.90	240	481675	20.00	ng		0.01
86) Perylene-d12	15.31	264	313087	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1631816	160.52	ng		0.00
7) Phenol-d6	6.38	99	1936232	151.04	ng		0.00
23) Nitrobenzene-d5	7.29	82	1402325	105.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	353951	156.89	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	2043025	109.74	ng		0.00
78) Terphenyl-d14	12.84	244	1612005	87.01	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	244487	43.66	ng	#	83
3) Pyridine	3.06	79	345988m	24.24	ng		
4) n-Nitrosodimethylamine	2.96	42	372421	54.62	ng	#	77
6) Aniline	6.46	93	726498	41.29	ng	#	25
8) 2-Chlorophenol	6.50	128	579547	50.88	ng		96
9) Benzaldehyde	6.29	77	89608	8.35	ng		90
10) Phenol	6.39	94	826728	52.63	ng	#	76
11) bis(2-Chloroethyl)ether	6.46	93	726498	57.22	ng		98
12) 1,3-Dichlorobenzene	6.64	146	623314m	47.81	ng		
13) 1,4-Dichlorobenzene	6.72	146	645710	48.37	ng		99
14) 1,2-Dichlorobenzene	6.88	146	560790	47.44	ng		96
15) Benzyl Alcohol	6.88	79	503488	55.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1084894	51.44	ng		79
17) 2-Methylphenol	7.01	107	524242	54.42	ng		97
18) Hexachloroethane	7.21	117	226156	50.24	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	532317	60.40	ng		99
20) 3+4-Methylphenols	7.17	107	713609	57.12	ng	#	74
22) Acetophenone	7.13	105	880243	49.60	ng		99
24) Nitrobenzene	7.30	77	717565	48.03	ng		98
25) Isophorone	7.54	82	1304696	48.67	ng	#	93
26) 2-Nitrophenol	7.62	139	342964	50.32	ng		93
27) 2,4-Dimethylphenol	7.68	122	550435	49.64	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	874693	51.69	ng		100
29) 2,4-Dichlorophenol	7.89	162	577906	55.40	ng		87
30) 1,2,4-Trichlorobenzene	7.94	180	528285	47.62	ng		96
31) Naphthalene	8.02	128	1721019	46.56	ng		99
32) Benzoic acid	7.86	122	287977	49.98	ng		94
33) 4-Chloroaniline	8.18	127	92697m	6.18	ng		
34) Hexachlorobutadiene	8.13	225	270080	47.27	ng		99
35) Caprolactam	8.49	113	161776m	45.41	ng		
36) 4-Chloro-3-methylphenol	8.61	107	575803	51.72	ng		98
37) 2-Methylnaphthalene	8.72	142	1153281	49.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	502154	53.11	ng		98
40) Hexachlorocyclopentadiene	8.86	237	342932	134.11	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093641.D
Acq On : 14 Mar 2017 7:06
Operator : SJ/MA
Sample : I2201-17MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-112MSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:42 PM

Quant Time: Mar 15 08:56:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	346045	58.58	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	309476	48.82	ng		92
45) 1,1'-Biphenyl	9.18	154	1359860	53.91	ng		94
46) 2-Chloronaphthalene	9.21	162	1137902	58.93	ng		97
47) 2-Nitroaniline	9.33	65	422896	61.96	ng		92
48) Acenaphthylene	9.62	152	1710577	53.72	ng		99
49) Dimethylphthalate	9.50	163	1317440	57.39	ng		99
50) 2,6-Dinitrotoluene	9.57	165	239949	47.64	ng	#	43
51) Acenaphthene	9.80	154	1041612	55.31	ng		97
52) 3-Nitroaniline	9.75	138	140653	23.24	ng	#	95
53) 2,4-Dinitrophenol	9.88	184	320861	139.87	ng	#	74
54) Dibenzofuran	9.97	168	1348079	57.20	ng		96
55) 4-Nitrophenol	9.96	139	224393m	76.34	ng		
56) 2,4-Dinitrotoluene	9.99	165	394958	63.82	ng	#	73
57) Fluorene	10.31	166	1058398	52.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	299565	66.96	ng		98
59) Diethylphthalate	10.20	149	1242371	56.63	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	482769	53.93	ng		98
61) 4-Nitroaniline	10.37	138	224216	36.23	ng		97
62) Azobenzene	10.46	77	1594610	63.96	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	214762	52.73	ng	#	79
65) n-Nitrosodiphenylamine	10.44	169	937512	44.66	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	300300	45.18	ng		97
67) Hexachlorobenzene	10.86	284	292805	46.13	ng	#	74
68) Atrazine	10.96	200	197464	32.14	ng		98
69) Pentachlorophenol	11.08	266	232957	106.30	ng		96
70) Phenanthrene	11.27	178	1697562	47.31	ng		99
71) Anthracene	11.33	178	1629205	44.89	ng		100
72) Carbazole	11.50	167	1498224	43.94	ng		98
73) Di-n-butylphthalate	11.82	149	2093717	53.07	ng	#	97
74) Fluoranthene	12.47	202	1731217	49.95	ng		94
77) Pyrene	12.70	202	1709121	48.79	ng		99
79) Butylbenzylphthalate	13.32	149	886561	60.12	ng	#	80
80) Benzo(a)anthracene	13.89	228	1363594	47.94	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	87636	8.80	ng	#	98
82) Chrysene	13.92	228	1114591	42.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1123460	54.66	ng		100
84) Di-n-octyl phthalate	14.48	149	1928115	56.28	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	947023	42.99	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	1323256m	69.40	ng		
88) Benzo(k)fluoranthene	14.94	252	765083m	41.61	ng		
89) Benzo(a)pyrene	15.25	252	943865	54.16	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	788872	54.72	ng		96
91) Benzo(g,h,i)perylene	17.07	276	831029	56.16	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093641.D
Acq On : 14 Mar 2017 7:06
Operator : SJ/MA
Sample : I2201-17MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Mar 15 08:56:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
D-112MSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:42 PM