Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092040.D
Acq On : 30 Dec 2016 10:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:06 AM

Quant Time: Dec 30 17:53:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	225398	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	937017	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	571998	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	949297	20.00	ng		-0.03
75) Chrysene-d12	13.84	240	667654	20.00	ng		-0.03
86) Perylene-d12	15.21	264	627793	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1177405	87.22	ng		-0.03
7) Phenol-d6	6.35	99	1367324	82.96	ng		-0.03
23) Nitrobenzene-d5	7.25	82	1280739	76.00	ng		-0.03
41) 2,4,6-Tribromophenol	10.51	330	358869	75.81	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	2313185	82.48	ng		-0.03
78) Terphenyl-d14	12.79	244	2121199	77.05	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	223232	33.59	ng		97
3) Pyridine	2.82	79	745716	32.15	ng		96
4) n-Nitrosodimethylamine	2.78	42	299267	34.20	ng		98
6) Aniline	6.35	93	897156	41.91	ng	#	55
8) 2-Chlorophenol	6.48	128	679220	44.23	ng		93
9) Benzaldehyde	6.22	77	405158	45.22	ng		96
10) Phenol	6.36	94	899461	47.89	ng	#	73
11) bis(2-Chloroethyl)ether	6.43	93	698475	46.74	ng		95
12) 1,3-Dichlorobenzene	6.62	146	716907m	43.73	ng		
13) 1,4-Dichlorobenzene	6.70	146	737099	44.18	ng		94
14) 1,2-Dichlorobenzene	6.85	146	603032	41.65	ng		98
15) Benzyl Alcohol	6.84	79	491801	38.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	997381	44.82	ng		89
17) 2-Methylphenol	6.97	107	532354	43.11	ng	#	93
18) Hexachloroethane	7.20	117	248370	40.15	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	531278	48.45	ng		92
20) 3+4-Methylphenols	7.13	107	734179	49.84	ng	#	72
22) Acetophenone	7.10	105	977325	42.29	ng	#	93
24) Nitrobenzene	7.28	77	701011	39.06	ng		96
25) Isophorone	7.52	82	1175156	37.80	ng		95
26) 2-Nitrophenol	7.60	139	371103	41.93	ng	#	84
27) 2,4-Dimethylphenol	7.65	122	532596	36.28	ng		93
28) bis(2-Chloroethoxy)methane	7.73	93	726213	38.52	ng		99
29) 2,4-Dichlorophenol	7.85	162	507730	40.84	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	534817	39.26	ng		95
31) Naphthalene	8.00	128	1851613	43.18	ng		99
32) Benzoic acid	7.79	122	442681	40.66	ng		98
33) 4-Chloroaniline	8.05	127	756751	39.13	ng		99
34) Hexachlorobutadiene	8.11	225	292451	40.67	ng		99
35) Caprolactam	8.43	113	155689	38.11	ng	#	65
36) 4-Chloro-3-methylphenol	8.56	107	604318	42.25	ng	#	84
37) 2-Methylnaphthalene	8.68	142	1147470	43.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	548928	37.98	ng		99
40) Hexachlorocyclopentadiene	8.84	237	220996	36.61	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092040.D
Acq On : 30 Dec 2016 10:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:06 AM

Quant Time: Dec 30 17:53:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	380256	37.62	ng		94
43) 2,4,5-Trichlorophenol	9.01	196	388609	37.36	ng		99
45) 1,1'-Biphenyl	9.15	154	1543704	39.42	ng		98
46) 2-Chloronaphthalene	9.17	162	1259215	40.60	ng		97
47) 2-Nitroaniline	9.28	65	429818	38.92	ng		96
48) Acenaphthylene	9.58	152	1854489	38.88	ng		99
49) Dimethylphthalate	9.46	163	1433901	39.19	ng		98
50) 2,6-Dinitrotoluene	9.52	165	332368	41.51	ng	#	67
51) Acenaphthene	9.76	154	1182658	36.57	ng		99
52) 3-Nitroaniline	9.69	138	380202	38.37	ng		100
53) 2,4-Dinitrophenol	9.80	184	162389	36.45	ng		95
54) Dibenzofuran	9.93	168	1503413	34.42	ng		100
55) 4-Nitrophenol	9.87	139	284216	42.24	ng		96
56) 2,4-Dinitrotoluene	9.93	165	419091	41.70	ng		93
57) Fluorene	10.27	166	1260674	39.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	339253	41.24	ng		100
59) Diethylphthalate	10.16	149	1421438	40.01	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	567625	40.80	ng	#	77
61) 4-Nitroaniline	10.30	138	435309	42.39	ng		92
62) Azobenzene	10.42	77	1618804	41.38	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	249849	43.53	ng	#	40
65) n-Nitrosodiphenylamine	10.38	169	1071962	38.05	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	374412	37.92	ng		99
67) Hexachlorobenzene	10.82	284	427458	40.50	ng		99
68) Atrazine	10.92	200	357875	39.39	ng		98
69) Pentachlorophenol	11.01	266	215194	41.55	ng		99
70) Phenanthrene	11.23	178	2029390	39.43	ng		99
71) Anthracene	11.28	178	1867966	39.17	ng		99
72) Carbazole	11.44	167	1694020	37.05	ng		99
73) Di-n-butylphthalate	11.78	149	2357925	48.68	ng	#	98
74) Fluoranthene	12.41	202	1846296	40.50	ng		100
76) Benzidine	12.53	184	811803	48.67	ng		98
77) Pyrene	12.64	202	1936188	39.53	ng		100
79) Butylbenzylphthalate	13.27	149	922753	41.42	ng		98
80) Benzo(a)anthracene	13.83	228	1697745	45.05	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	617782	43.23	ng		99
82) Chrysene	13.86	228	1453718	38.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1110582	42.33	ng	#	100
84) Di-n-octyl phthalate	14.44	149	2108050	43.37	ng		100
85) Indeno(1,2,3-cd)pyrene	16.51	276	1286301	39.28	ng		97
87) Benzo(b)fluoranthene	14.83	252	1449130m	37.08	ng		
88) Benzo(k)fluoranthene	14.87	252	1479078m	44.38	ng		
89) Benzo(a)pyrene	15.16	252	1414458	40.77	ng		98
90) Dibenzo(a,h)anthracene	16.52	278	1090681	38.25	ng		99
91) Benzo(g,h,i)perylene	16.90	276	1118836	37.74	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092040.D
Acq On : 30 Dec 2016 10:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 30 17:53:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:06 AM