Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092318.D
Acq On : 17 Jan 2017 16:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:22 PM

Quant Time: Jan 18 00:08:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	166091m	20.00	ng		-0.09
21) Naphthalene-d8	7.84	136	741679	20.00	ng		-0.09
38) Acenaphthene-d10	9.59	164	445163	20.00	ng		-0.09
63) Phenanthrene-d10	11.07	188	708027	20.00	ng		-0.09
75) Chrysene-d12	13.70	240	463212	20.00	ng		-0.09
86) Perylene-d12	15.05	264	416895	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	846568	85.11	ng		-0.10
7) Phenol-d6	6.22	99	948109	78.07	ng		-0.09
23) Nitrobenzene-d5	7.14	82	952158	71.39	ng		-0.08
41) 2,4,6-Tribromophenol	10.38	330	285071	77.38	ng		-0.09
44) 2-Fluorobiphenyl	8.92	172	1756754	80.12	ng		-0.09
78) Terphenyl-d14	12.64	244	1594958	83.51	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	229136	46.79	ng		95
3) Pyridine	2.56	79	619735	36.26	ng		96
4) n-Nitrosodimethylamine	2.53	42	222843	34.56	ng		98
6) Aniline	6.22	93	625681m	39.67	ng		
8) 2-Chlorophenol	6.35	128	450231	39.79	ng		88
9) Benzaldehyde	6.10	77	280478	40.75	ng		94
10) Phenol	6.23	94	605073	43.72	ng	#	75
11) bis(2-Chloroethyl)ether	6.30	93	448464	40.73	ng		97
12) 1,3-Dichlorobenzene	6.50	146	472119m	39.09	ng		
13) 1,4-Dichlorobenzene	6.58	146	470826m	38.30	ng		
14) 1,2-Dichlorobenzene	6.72	146	430460	40.35	ng		99
15) Benzyl Alcohol	6.71	79	355016	37.62	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	660057	40.25	ng		53
17) 2-Methylphenol	6.85	107	346460m	38.07	ng		
18) Hexachloroethane	7.07	117	180214	39.54	ng		94
19) n-Nitroso-di-n-propylamine	6.99	70	320661	39.69	ng		96
20) 3+4-Methylphenols	7.00	107	491291	45.26	ng	#	70
22) Acetophenone	6.98	105	645283	35.27	ng	#	94
24) Nitrobenzene	7.15	77	477746	33.63	ng		98
25) Isophorone	7.40	82	833426	33.87	ng		98
26) 2-Nitrophenol	7.47	139	248080	35.41	ng		95
27) 2,4-Dimethylphenol	7.52	122	384695	33.11	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	498684	33.42	ng		99
29) 2,4-Dichlorophenol	7.72	162	371279	37.73	ng		91
30) 1,2,4-Trichlorobenzene	7.79	180	379807	35.23	ng		95
31) Naphthalene	7.87	128	1424979	41.98	ng		99
32) Benzoic acid	7.68	122	264850	30.73	ng		99
33) 4-Chloroaniline	7.92	127	590198	38.56	ng		99
34) Hexachlorobutadiene	7.98	225	234943	41.28	ng		99
35) Caprolactam	8.30	113	135884	42.03	ng	#	58
36) 4-Chloro-3-methylphenol	8.43	107	477869	42.21	ng		99
37) 2-Methylnaphthalene	8.55	142	968403	48.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	439795	39.10	ng		99
40) Hexachlorocyclopentadiene	8.71	237	193955	40.77	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092318.D
Acq On : 17 Jan 2017 16:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:22 PM

Quant Time: Jan 18 00:08:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	282148	35.87	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	280651	34.67	ng	#	89
45) 1,1'-Biphenyl	9.02	154	1292016	42.39	ng		98
46) 2-Chloronaphthalene	9.04	162	965983	40.02	ng		99
47) 2-Nitroaniline	9.15	65	296075	34.45	ng		100
48) Acenaphthylene	9.46	152	1414704	38.11	ng		98
49) Dimethylphthalate	9.33	163	1047765	36.80	ng		98
50) 2,6-Dinitrotoluene	9.40	165	259329	41.61	ng	#	87
51) Acenaphthene	9.63	154	947482	37.65	ng		99
52) 3-Nitroaniline	9.56	138	284842	36.93	ng		98
53) 2,4-Dinitrophenol	9.68	184	131313	37.87	ng	#	89
54) Dibenzofuran	9.80	168	1214034	35.72	ng		94
55) 4-Nitrophenol	9.75	139	178124m	34.02	ng		
56) 2,4-Dinitrotoluene	9.80	165	279694	35.76	ng	#	83
57) Fluorene	10.14	166	968964	39.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	238691	37.28	ng		96
59) Diethylphthalate	10.03	149	1043416	37.74	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	392477	36.25	ng		98
61) 4-Nitroaniline	10.18	138	299710	37.50	ng		93
62) Azobenzene	10.29	77	1148488	37.72	ng		97
64) 4,6-Dinitro-2-methylphenol	10.21	198	191149	44.65	ng		73
65) n-Nitrosodiphenylamine	10.26	169	855289	40.71	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	299558	40.67	ng	#	83
67) Hexachlorobenzene	10.68	284	291191	36.99	ng	#	79
68) Atrazine	10.79	200	242878	35.84	ng		94
69) Pentachlorophenol	10.88	266	132535	34.31	ng		97
70) Phenanthrene	11.09	178	1466963	38.21	ng		99
71) Anthracene	11.14	178	1447992	41.39	ng		99
72) Carbazole	11.31	167	1433155	45.60	ng		98
73) Di-n-butylphthalate	11.64	149	1622350	44.56	ng		99
74) Fluoranthene	12.27	202	1360028	39.95	ng		99
76) Benzidine	12.40	184	699887	65.81	ng		98
77) Pyrene	12.50	202	1480579	43.56	ng		100
79) Butylbenzylphthalate	13.13	149	644275	41.68	ng		96
80) Benzo(a)anthracene	13.69	228	1129692	43.21	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	402740	40.62	ng		98
82) Chrysene	13.72	228	1114177	42.48	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	861684	47.34	ng	#	96
84) Di-n-octyl phthalate	14.30	149	1432531	42.48	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	863282	37.99	ng		96
87) Benzo(b)fluoranthene	14.68	252	924553m	35.62	ng		
88) Benzo(k)fluoranthene	14.70	252	933789m	42.19	ng		
89) Benzo(a)pyrene	14.99	252	869716	37.75	ng		98
90) Dibenzo(a,h)anthracene	16.27	278	736274	38.88	ng		97
91) Benzo(g,h,i)perylene	16.62	276	778004	39.51	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092318.D
Acq On : 17 Jan 2017 16:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 18 00:08:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:22 PM