Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116037.D
Acq On : 7 Aug 2019 4:05
Operator : HP/JU
Sample : K4090-03 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:17 PM

Quant Time: Aug 07 06:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123238	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	488372	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	248551	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	397626	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	319968	20.00	ng		-0.02
87) Perylene-d12	15.47	264	353305	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	365709	49.68	ng		0.00
7) Phenol-d6	6.47	99	490968	52.86	ng		-0.02
23) Nitrobenzene-d5	7.40	82	291384	34.44	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	100217	41.59	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	554985	41.82	ng		-0.02
79) Terphenyl-d14	12.95	244	522997	34.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	110	0.030	ng	#	25
6) Aniline	6.61	93	347	0.026	ng	#	1
9) Benzaldehyde	6.47	77	791	0.123	ng	#	1
10) Phenol	6.49	94	9225	0.843	ng	#	56
11) bis(2-Chloroethyl)ether	6.61	93	347	0.043	ng	#	1
15) Benzyl Alcohol	7.00	79	5226	0.741	ng	#	43
18) Hexachloroethane	7.41	117	285	0.082	ng	#	1
22) Acetophenone	7.24	105	109	0.010	ng	#	52
24) Nitrobenzene	7.40	77	1025	0.112	ng	#	33
31) Naphthalene	8.15	128	68356	2.974	ng		98
33) 4-Chloroaniline	8.15	127	8216	0.800	ng	#	32
35) Caprolactam	8.55	113	112	0.051	ng	#	1
36) 4-Chloro-3-methylphenol	8.42	107	115	0.016	ng	#	18
37) 2-Methylnaphthalene	8.84	142	31896	2.107	ng		99
38) 1-Methylnaphthalene	8.93	142	28789	2.011	ng		100
46) 1,1'-Biphenyl	9.30	154	10638	0.606	ng		99
47) 2-Chloronaphthalene	9.37	162	489	0.033	ng	#	38
48) 2-Nitroaniline	9.46	65	493	0.102	ng	#	1
49) Acenaphthylene	9.74	152	44205	2.075	ng		98
50) Dimethylphthalate	9.59	163	44103	2.606	ng		99
52) Acenaphthene	9.91	154	50394	3.855	ng		97
53) 3-Nitroaniline	10.08	138	731	0.161	ng	#	4
55) Dibenzofuran	10.08	168	54386	2.861	ng	#	97
56) 4-Nitrophenol	9.98	139	718	0.247	ng	#	1
57) 2,4-Dinitrotoluene	10.03	165	1508	0.308	ng	#	45
58) Fluorene	10.42	166	88403	6.044	ng		99
60) Diethylphthalate	10.29	149	1005	0.064	ng	#	58
61) 4-Chlorophenyl-phenylether	10.14	204	113	0.015	ng	#	35
62) 4-Nitroaniline	10.42	138	1058	0.225	ng	#	17
63) Azobenzene	10.57	77	1059	0.065	ng	#	1
66) n-Nitrosodiphenylamine	10.27	169	3086	0.258	ng		87
67) 4-Bromophenyl-phenylether	10.66	248	5830	1.370	ng	#	1
69) Atrazine	11.07	200	345	0.088	ng	#	36
71) Phenanthrene	11.39	178	646769	31.817	ng		100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116037.D
Acq On : 7 Aug 2019 4:05
Operator : HP/JU
Sample : K4090-03 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:17 PM

Quant Time: Aug 07 06:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Anthracene	11.44	178	203745	9.904	ng		99
73) Carbazole	11.59	167	54471	2.918	ng		99
74) Di-n-butylphthalate	11.92	149	1626	0.075	ng	#	76
75) Fluoranthene	12.58	202	1139338	53.538	ng		98
77) Benzidine	12.67	184	709	0.066	ng	#	1
78) Pyrene	12.81	202	1079863	44.771	ng		100
80) Butylbenzylphthalate	13.43	149	631	0.062	ng	#	1
81) Benzo(a)anthracene	13.99	228	619845	30.308	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	306	0.043	ng	#	67
83) Chrysene	14.03	228	527649	26.575	ng		98
85) Di-n-octyl phthalate	14.59	149	2922	0.139	ng	#	66
86) Indeno(1,2,3-cd)pyrene	16.94	276	240383	14.415	ng		96
88) Benzo(b)fluoranthene	15.04	252	705478m	34.534	ng		
89) Benzo(k)fluoranthene	15.07	252	212261m	10.668	ng		
90) Benzo(a)pyrene	15.41	252	482955	26.447	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	63859	4.040	ng	#	77
92) Benzo(g,h,i)perylene	17.38	276	218419	14.070	ng		100

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116037.D
Acq On : 7 Aug 2019 4:05
Operator : HP/JU
Sample : K4090-03 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 07 06:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:17 PM