Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 19 02:11:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	102034	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	391224	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	188526	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	300764	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	173373	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	210284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	614484	96.824	ng	0.00
7) Phenol-d6	6.392	99	749322	94.629	ng	0.00
23) Nitrobenzene-d5	7.310	82	478404	67.255	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	174943	96.704	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	814598	67.557	ng	0.00
79) Terphenyl-d14	12.868	244	586145	62.610	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.039	128	65560	3.436	ng	99
37) 2-Methylnaphthalene	8.733	142	31132	2.476	ng	94
38) 1-Methylnaphthalene	8.833	142	24066	2.075	ng	99
49) Acenaphthylene	9.639	152	121882	7.076	ng	100
52) Acenaphthene	9.810	154	31942	3.094	ng	99
58) Fluorene	10.327	166	45527	3.733	ng	99
71) Phenanthrene	11.298	178	698285	48.465	ng	100
72) Anthracene	11.351	178	161617	10.825	ng	98
73) Carbazole	11.516	167	33145	2.380	ng	92
75) Fluoranthene	12.498	202	931383	58.244	ng	99
78) Pyrene	12.733	202	1155510	83.872	ng	99
81) Benzo(a)anthracene	13.933	228	547319	48.062	ng	95
83) Chrysene	13.968	228	528520	47.917	ng	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	206159	17.993	ng	# 93
88) Benzo(b)fluoranthene	14.992	252	579531m	49.243	ng	
89) Benzo(k)fluoranthene	15.015	252	168400m	14.738	ng	
90) Benzo(a)pyrene	15.362	252	481642	43.522	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	55873m	5.948	ng	
92) Benzo(g,h,i)perylene	17.386	276	199389	20.665	ng	96

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

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