Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135795.D
Acq On : 17 Oct 2023 00:58
Operator : CG\JU
Sample : 04704-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 17 02:00:51 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 :
R-1(10-15)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	110006	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	414531	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	218372	20.000	ng		-0.01
64) Phenanthrene-d10	11.274	188	361401	20.000	ng		0.00
76) Chrysene-d12	13.939	240	209381	20.000	ng		-0.01
86) Perylene-d12	15.409	264	215561	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	701781	102.566	ng		0.00
7) Phenol-d6	6.392	99	865452	101.374	ng		0.00
23) Nitrobenzene-d5	7.304	82	533564	70.792	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	197658	94.327	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	930878	66.649	ng		-0.01
79) Terphenyl-d14	12.868	244	747894	66.149	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.039	128	735500	36.376	ng		100
37) 2-Methylnaphthalene	8.728	142	261876	19.658	ng		99
38) 1-Methylnaphthalene	8.828	142	320485	26.084	ng		100
46) 1,1'-Biphenyl	9.198	154	80747	4.827	ng		99
49) Acenaphthylene	9.633	152	177727	8.908	ng	#	96
52) Acenaphthene	9.804	154	181642	15.190	ng		99
55) Dibenzofuran	9.980	168	230198	12.758	ng		96
58) Fluorene	10.327	166	573060	40.570	ng		98
71) Phenanthrene	11.304	178	2067757	119.435	ng		99
72) Anthracene	11.351	178	478796	26.689	ng		99
73) Carbazole	11.516	167	127025	7.592	ng		99
75) Fluoranthene	12.498	202	1210658	63.006	ng		100
78) Pyrene	12.727	202	1205669	72.463	ng		100
81) Benzo(a)anthracene	13.927	228	507392	36.893	ng		98
83) Chrysene	13.963	228	425478	31.941	ng		97
87) Indeno(1,2,3-cd)pyrene	16.915	276	143879	12.250	ng		96
88) Benzo(b)fluoranthene	14.986	252	435422m	36.092	ng		
89) Benzo(k)fluoranthene	15.009	252	127693m	10.902	ng		
90) Benzo(a)pyrene	15.351	252	366960	32.347	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	38755	4.025	ng	#	82
92) Benzo(g,h,i)perylene	17.374	276	132012	13.347	ng		98

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

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