Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135896.D
Acq On : 19 Oct 2023 20:20
Operator : CG\JU
Sample : 04704-03DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 20 02:04:29 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-2(5-10)DL

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	58313	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	203138	20.000	ng		0.00
39) Acenaphthene-d10	9.774	164	103037	20.000	ng		-0.01
64) Phenanthrene-d10	11.268	188	163650	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	108296	20.000	ng		-0.01
86) Perylene-d12	15.415	264	93169	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	13028	3.592	ng		0.04
7) Phenol-d6	6.434	99	14331	3.167	ng		0.04
23) Nitrobenzene-d5	7.322	82	10425	2.823	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	3486	3.526	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	19118	2.901	ng		-0.01
79) Terphenyl-d14	12.863	244	20016	3.423	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.033	128	99782	10.071	ng		99
37) 2-Methylnaphthalene	8.727	142	59389	9.098	ng		96
38) 1-Methylnaphthalene	8.827	142	104211	17.308	ng		99
46) 1,1'-Biphenyl	9.192	154	28704	3.637	ng		97
49) Acenaphthylene	9.633	152	63306	6.725	ng	#	95
52) Acenaphthene	9.804	154	21311	3.777	ng		98
55) Dibenzofuran	9.980	168	18594	2.184	ng	#	86
58) Fluorene	10.322	166	95567	14.339	ng		98
71) Phenanthrene	11.292	178	425571	54.285	ng		99
72) Anthracene	11.345	178	67438	8.301	ng		98
75) Fluoranthene	12.492	202	188341	21.646	ng		98
78) Pyrene	12.727	202	290207	33.722	ng		99
81) Benzo(a)anthracene	13.927	228	110437	15.525	ng		96
83) Chrysene	13.962	228	97684	14.178	ng		97
87) Indeno(1,2,3-cd)pyrene	16.927	276	24562	4.838	ng		95
88) Benzo(b)fluoranthene	14.986	252	62064m	11.903	ng		
89) Benzo(k)fluoranthene	15.009	252	19849m	3.921	ng		
90) Benzo(a)pyrene	15.356	252	65183	13.294	ng		99
92) Benzo(g,h,i)perylene	17.386	276	24903	5.825	ng		97

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

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