Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135894.D
Acq On : 19 Oct 2023 19:17
Operator : CG\JU
Sample : 04704-02DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 02:03:37 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)DL

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

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10/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	61652	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	224523	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	93608	20.000	ng		-0.02
64) Phenanthrene-d10	11.269	188	155059	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	137581	20.000	ng		-0.01
86) Perylene-d12	15.415	264	102351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	100533	26.217	ng		0.00
7) Phenol-d6	6.398	99	106192	22.194	ng		0.00
23) Nitrobenzene-d5	7.304	82	62499	15.310	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	20536	22.862	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	128122	21.400	ng		-0.01
79) Terphenyl-d14	12.863	244	113410	15.266	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.034	128	88294	8.062	ng		97
37) 2-Methylnaphthalene	8.733	142	29077	4.030	ng		100
38) 1-Methylnaphthalene	8.828	142	35968	5.405	ng		100
49) Acenaphthylene	9.639	152	20333	2.378	ng	#	95
52) Acenaphthene	9.804	154	17146	3.345	ng		97
55) Dibenzofuran	9.980	168	21174	2.738	ng	#	93
58) Fluorene	10.327	166	54812	9.052	ng		100
71) Phenanthrene	11.292	178	259916	34.991	ng		99
72) Anthracene	11.351	178	48860	6.348	ng		99
75) Fluoranthene	12.492	202	176450	21.403	ng		99
78) Pyrene	12.727	202	179342	16.404	ng		99
81) Benzo(a)anthracene	13.927	228	71200	7.879	ng		97
83) Chrysene	13.963	228	59452	6.792	ng		97
87) Indeno(1,2,3-cd)pyrene	16.933	276	18053	3.237	ng		94
88) Benzo(b)fluoranthene	14.992	252	42080m	7.346	ng		
89) Benzo(k)fluoranthene	15.010	252	15896m	2.858	ng		
90) Benzo(a)pyrene	15.357	252	37986	7.052	ng		98
92) Benzo(g,h,i)perylene	17.392	276	16388	3.490	ng	#	90

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

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