Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
Data File : BF130723.D
Acq On : 19 Oct 2022 21:31
Operator : CG\JU
Sample : N5175-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 20 02:47:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.569	152	76990	20.000	ng		0.00
21) Naphthalene-d8	7.851	136	353069	20.000	ng		0.00
39) Acenaphthene-d10	9.598	164	157210	20.000	ng		-0.01
64) Phenanthrene-d10	11.080	188	238872	20.000	ng		0.00
76) Chrysene-d12	13.710	240	170451	20.000	ng		-0.01
86) Perylene-d12	15.086	264	165960	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	399339	93.496	ng		0.00
7) Phenol-d6	6.228	99	671483	125.042	ng		0.00
23) Nitrobenzene-d5	7.139	82	378006	58.446	ng		-0.01
42) 2,4,6-Tribromophenol	10.392	330	168512	109.545	ng		0.00
45) 2-Fluorobiphenyl	8.928	172	886616	85.427	ng		-0.01
79) Terphenyl-d14	12.663	244	903705	87.996	ng		-0.01
Target Compounds							Qvalue
52) Acenaphthene	9.628	154	29623	3.504	ng		98
58) Fluorene	10.145	166	32753	3.094	ng		99
71) Phenanthrene	11.104	178	410392	31.010	ng		100
72) Anthracene	11.157	178	101794	7.876	ng		98
75) Fluoranthene	12.286	202	457181	35.943	ng		97
78) Pyrene	12.516	202	521849	35.488	ng		99
81) Benzo(a)anthracene	13.698	228	236364	20.580	ng		98
83) Chrysene	13.739	228	233205	21.416	ng		98
87) Indeno(1,2,3-cd)pyrene	16.380	276	103258	8.313	ng		97
88) Benzo(b)fluoranthene	14.710	252	258472m	24.595	ng		
89) Benzo(k)fluoranthene	14.733	252	80878m	7.558	ng		
90) Benzo(a)pyrene	15.033	252	199137	22.768	ng		97
91) Dibenzo(a,h)anthracene	16.380	278	29092	2.857	ng	#	86
92) Benzo(g,h,i)perylene	16.768	276	80397	8.478	ng		99

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

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