Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135181.D
Acq On : 12 Sep 2023 14:50
Operator : CG\JU
Sample : 04212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 02:04:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TOPSOIL-OU3-DENALI-2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
09/13/2023
Supervised By :mohammad ahmed
09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	110073	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	425181	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	199926	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	337554	20.000	ng	0.00
76) Chrysene-d12	13.939	240	202977	20.000	ng	0.00
86) Perylene-d12	15.404	264	213865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	728144	107.591	ng	0.01
7) Phenol-d6	6.404	99	904365	105.091	ng	0.00
23) Nitrobenzene-d5	7.328	82	572327	73.132	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	203746	102.551	ng	-0.01
45) 2-Fluorobiphenyl	9.122	172	868997	65.578	ng	0.00
79) Terphenyl-d14	12.886	244	597644	45.644	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.310	178	36502	2.286	ng	97
75) Fluoranthene	12.504	202	89971	5.408	ng	98
78) Pyrene	12.733	202	85338	4.416	ng	99
81) Benzo(a)anthracene	13.933	228	45254m	3.453	ng	
83) Chrysene	13.968	228	49515	3.800	ng	97
88) Benzo(b)fluoranthene	14.980	252	68691m	5.933	ng	
90) Benzo(a)pyrene	15.339	252	44259	4.009	ng	96
92) Benzo(g,h,i)perylene	17.315	276	27226	2.272	ng	99

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

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