Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
Data File : BF130745.D
Acq On : 21 Oct 2022 15:13
Operator : CG\JU
Sample : N5211-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-SOILPILE-1020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

Quant Time: Oct 21 18:17:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	99913	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	348009	20.000	ng	0.00
39) Acenaphthene-d10	9.586	164	172797	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	290446	20.000	ng	0.00
76) Chrysene-d12	13.704	240	157675	20.000	ng	# 0.00
86) Perylene-d12	15.080	264	144263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	474143	81.833	ng	0.00
7) Phenol-d6	6.216	99	524035	74.752	ng	0.00
23) Nitrobenzene-d5	7.133	82	360765	54.992	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	138904	84.528	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	699644	61.703	ng	-0.01
79) Terphenyl-d14	12.651	244	459045	49.061	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.098	178	42909	2.694	ng	98
75) Fluoranthene	12.280	202	77112	4.789	ng	100
78) Pyrene	12.510	202	79249	5.988	ng	99
81) Benzo(a)anthracene	13.692	228	33037	3.136	ng	97
83) Chrysene	13.733	228	34881	3.417	ng	99
88) Benzo(b)fluoranthene	14.709	252	44992m	4.684	ng	
90) Benzo(a)pyrene	15.033	252	29084	3.770	ng	100

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

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