

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133737.D
 Acq On : 13 Jun 2023 18:29
 Operator : CG\JU
 Sample : 03114-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MARION-SOIL-0609

Quant Time: Jun 13 19:26:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	86341	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	271826	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	118666	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	255507	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	216444	20.000	ng	-0.01
86) Perylene-d12	15.468	264	154164	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	427204	86.137	ng	0.00
7) Phenol-d6	6.457	99	463612	71.815	ng	-0.01
23) Nitrobenzene-d5	7.392	82	298789	59.869	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	123385	82.142	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	496714	59.502	ng	-0.01
79) Terphenyl-d14	12.951	244	646334	46.206	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	58936	4.546	ng	97
75) Fluoranthene	12.574	202	102936	7.478	ng	99
78) Pyrene	12.804	202	94919	4.708	ng	99
81) Benzo(a)anthracene	13.992	228	45167	3.017	ng	97
83) Chrysene	14.027	228	38793	2.740	ng	98
88) Benzo(b)fluoranthene	15.039	252	37842m	4.041	ng	
90) Benzo(a)pyrene	15.404	252	25035	2.880	ng	97

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

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