

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135182.D
 Acq On : 12 Sep 2023 15:23
 Operator : CG\JU
 Sample : 04212-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL-OU3-DENALI-3

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 02:04:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	109390	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	417018	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	187582	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	289761	20.000	ng	0.00
76) Chrysene-d12	13.939	240	197633	20.000	ng	0.00
86) Perylene-d12	15.404	264	188936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	558161	82.989	ng	0.00
7) Phenol-d6	6.398	99	681486	79.686	ng	0.00
23) Nitrobenzene-d5	7.322	82	412554	53.748	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	134155	71.967	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	609940	49.057	ng	-0.01
79) Terphenyl-d14	12.880	244	368670	28.918	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.504	202	78134	5.472	ng	100
78) Pyrene	12.733	202	80002	4.252	ng	99
81) Benzo(a)anthracene	13.933	228	46808m	3.668	ng	
83) Chrysene	13.968	228	51961	4.095	ng	96
87) Indeno(1,2,3-cd)pyrene	16.868	276	26701	2.155	ng	97
88) Benzo(b)fluoranthene	14.980	252	69317m	6.777	ng	
90) Benzo(a)pyrene	15.339	252	43816	4.492	ng	96
92) Benzo(g,h,i)perylene	17.315	276	25505	2.409	ng	92

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

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