

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140723.D
 Acq On : 03 Dec 2024 20:36
 Operator : RC/JU
 Sample : P5025-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-WEST

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/04/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 22:16:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65599	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	225151	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	104110	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	160260	20.000	ng	0.00
76) Chrysene-d12	14.051	240	135044	20.000	ng	0.00
86) Perylene-d12	15.562	264	102710	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	330761	86.030	ng	0.00
7) Phenol-d6	6.510	99	465697	91.622	ng	0.00
23) Nitrobenzene-d5	7.434	82	303774	69.012	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	68789	61.779	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	493216	70.585	ng	-0.01
79) Terphenyl-d14	12.980	244	401107	46.250	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.422	178	86560	11.236	ng	99
72) Anthracene	11.474	178	23620	3.134	ng	94
75) Fluoranthene	12.616	202	148641	17.771	ng	100
78) Pyrene	12.845	202	134086	10.738	ng	98
81) Benzo(a)anthracene	14.039	228	64845	7.254	ng	# 95
83) Chrysene	14.074	228	56088	6.862	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.080	276	17239	2.575	ng	96
88) Benzo(b)fluoranthene	15.121	252	53563m	8.303	ng	
89) Benzo(k)fluoranthene	15.139	252	20261m	3.589	ng	
90) Benzo(a)pyrene	15.498	252	36389	6.937	ng	# 84
92) Benzo(g,h,i)perylene	17.545	276	17220	3.078	ng	# 89

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

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