

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125856.D
 Acq On : 14 Oct 2021 21:23
 Operator : JU/CG
 Sample : M4195-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-SOILPILE

Manual Integrations
 APPROVED

mohammad
 10/18/2021 8:34:45 AM

Quant Time: Oct 15 10:43:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	196248	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	774760	20.00	ng	#-0.01
39) Acenaphthene-d10	9.868	164	408496	20.00	ng	-0.01
64) Phenanthrene-d10	11.351	188	546117	20.00	ng	#-0.01
76) Chrysene-d12	13.992	240	389988	20.00	ng	0.00
86) Perylene-d12	15.445	264	353134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1079071	89.83	ng	-0.01
7) Phenol-d6	6.463	99	1333964	86.26	ng	-0.01
23) Nitrobenzene-d5	7.392	82	798363	64.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	261045	64.73	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1460837	61.68	ng	-0.01
79) Terphenyl-d14	12.939	244	1113383	43.49	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.139	128	1600213	42.72	ng	99
37) 2-Methylnaphthalene	8.833	142	1285218	52.98	ng	100
38) 1-Methylnaphthalene	8.933	142	1517177	64.45	ng	98
46) 1,1'-Biphenyl	9.292	154	181690	6.05	ng	99
49) Acenaphthylene	9.733	152	552037	15.46	ng	# 91
52) Acenaphthene	9.904	154	511563	22.93	ng	94
55) Dibenzofuran	10.074	168	158669	4.75	ng	# 59
58) Fluorene	10.416	166	744298	30.41	ng	97
71) Phenanthrene	11.386	178	2449473	83.83	ng	95
72) Anthracene	11.427	178	784996	26.90	ng	98
75) Fluoranthene	12.580	202	1413679	53.62	ng	96
78) Pyrene	12.804	202	2363508	59.65	ng	93
81) Benzo(a)anthracene	13.980	228	863808	34.14	ng	97
83) Chrysene	14.015	228	766200	30.64	ng	95
84) Bis(2-ethylhexyl)phtha...	13.968	149	34218	2.48	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.880	276	204169	7.58	ng	95
88) Benzo(b)fluoranthene	15.021	252	611892m	30.69	ng	
89) Benzo(k)fluoranthene	15.045	252	157159m	7.68	ng	
90) Benzo(a)pyrene	15.380	252	589319	33.38	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	61248	2.75	ng	# 91
92) Benzo(g,h,i)perylene	17.315	276	224759	9.90	ng	93

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

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