

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
 Data File : BG056599.D
 Acq On : 9 Feb 2023 16:11
 Operator : CG/JU
 Sample : 01483-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2023
 Supervised By : Jagrut Upadhyay 02/10/2023

Quant Time: Feb 10 00:15:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	36605	20.000	ng	# 0.00
21) Naphthalene-d8	11.094	136	139963	20.000	ng	0.00
39) Acenaphthene-d10	14.884	164	103414	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	229156	20.000	ng	# 0.00
76) Chrysene-d12	21.911	240	217577	20.000	ng	-0.01
86) Perylene-d12	25.336	264	237257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	103324	51.925	ng	0.00
7) Phenol-d6	7.416	99	149231	50.616	ng	0.00
23) Nitrobenzene-d5	9.437	82	90115	36.561	ng	0.00
42) 2,4,6-Tribromophenol	16.370	330	58215	42.344	ng	0.00
45) 2-Fluorobiphenyl	13.509	172	288935	38.736	ng	0.00
79) Terphenyl-d14	20.201	244	461196	37.229	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.663	178	69857	5.825	ng	99
75) Fluoranthene	19.660	202	163640	10.810	ng	99
78) Pyrene	20.019	202	131559	8.502	ng	98
81) Benzo(a)anthracene	21.893	228	71357	4.691	ng	97
83) Chrysene	21.963	228	84459m	5.910	ng	
84) Bis(2-ethylhexyl)phtha...	21.746	149	16273	2.402	ng	95
87) Indeno(1,2,3-cd)pyrene	29.278	276	54306	3.127	ng	# 89
88) Benzo(b)fluoranthene	24.237	252	111199	7.551	ng	# 98
89) Benzo(k)fluoranthene	24.308	252	41038m	2.760	ng	
90) Benzo(a)pyrene	25.166	252	68776	4.741	ng	98
92) Benzo(g,h,i)perylene	30.524	276	53078	3.773	ng	97

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

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