

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039082.D
 Acq On : 21 Mar 2023 23:22
 Operator : CG/JU
 Sample : 02018-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHMER-ROCKY-SOIL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 03:46:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	467771	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1796049	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	905766	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1675886	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1498430	20.000	ng	0.00
86) Perylene-d12	23.962	264	1696856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1129289	36.679	ng	0.00
7) Phenol-d6	7.122	99	1378384	34.467	ng	0.00
23) Nitrobenzene-d5	9.128	82	836757	22.885	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	324224	30.943	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	1510833	21.714	ng	0.00
79) Terphenyl-d14	19.968	244	1609498	19.639	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.403	202	483883	4.659	ng	99
78) Pyrene	19.762	202	491627	4.368	ng	98
81) Benzo(a)anthracene	21.509	228	287341	2.663	ng	95
83) Chrysene	21.562	228	320562m	3.054	ng	
84) Bis(2-ethylhexyl)phtha...	21.439	149	54075	3.226	ng	# 92
88) Benzo(b)fluoranthene	23.221	252	433712	4.001	ng	# 78
90) Benzo(a)pyrene	23.850	252	296118	2.838	ng	# 88
92) Benzo(g,h,i)perylene	27.279	276	255839	2.391	ng	92

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

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