

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041238.D
 Acq On : 02 Aug 2023 10:58
 Operator : MA/JU
 Sample : 03849-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GROVE-SOIL-0731

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 03:05:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	160631	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	695123	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	456459	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1025566	20.000	ng	0.00
76) Chrysene-d12	21.427	240	686200	20.000	ng	0.00
86) Perylene-d12	23.809	264	735875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1108414	103.132	ng	0.00
7) Phenol-d6	6.981	99	1512828	108.591	ng	0.00
23) Nitrobenzene-d5	8.975	82	985526	65.933	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	785937	121.730	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2382630	65.939	ng	0.00
79) Terphenyl-d14	19.862	244	3584221	94.440	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.268	178	346016	6.072	ng	99
72) Anthracene	17.357	178	317758	5.638	ng	99
75) Fluoranthene	19.292	202	1060057	16.559	ng	99
78) Pyrene	19.656	202	956157	19.925	ng	99
81) Benzo(a)anthracene	21.415	228	434067	9.331	ng	97
83) Chrysene	21.468	228	428378	9.521	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	71433	4.970	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.256	276	226629	4.189	ng	# 93
88) Benzo(b)fluoranthene	23.086	252	468641m	10.720	ng	
89) Benzo(k)fluoranthene	23.127	252	152811m	3.417	ng	
90) Benzo(a)pyrene	23.703	252	307968	7.332	ng	93
92) Benzo(g,h,i)perylene	27.015	276	235807	5.340	ng	98

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

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