

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041242.D
 Acq On : 02 Aug 2023 13:25
 Operator : MA/JU
 Sample : 03795-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TOPSOIL-OU3-DENALI-TEMP

Quant Time: Aug 03 03:07:20 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	162002	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	734630	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	517544	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1234270	20.000	ng	0.00
76) Chrysene-d12	21.433	240	873143	20.000	ng	0.00
86) Perylene-d12	23.809	264	881562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	861844	79.511	ng	0.00
7) Phenol-d6	6.981	99	1209239	86.065	ng	0.00
23) Nitrobenzene-d5	8.975	82	773366	48.957	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	731747	99.960	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1995090	48.697	ng	0.00
79) Terphenyl-d14	19.862	244	3541761	73.341	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.186	152	235046	4.648	ng	100
71) Phenanthrene	17.268	178	288079	4.201	ng	99
72) Anthracene	17.356	178	199154	2.936	ng	100
75) Fluoranthene	19.292	202	1131875	14.691	ng	99
78) Pyrene	19.656	202	1143430	18.726	ng	100
81) Benzo(a)anthracene	21.415	228	624416	10.549	ng	97
83) Chrysene	21.468	228	581921	10.164	ng	98
84) Bis(2-ethylhexyl)phtha...	21.339	149	12826	2.882	ng	# 88
87) Indeno(1,2,3-cd)pyrene	26.256	276	425059	6.558	ng	# 93
88) Benzo(b)fluoranthene	23.086	252	871149	16.634	ng	98
89) Benzo(k)fluoranthene	23.127	252	292109m	5.453	ng	
90) Benzo(a)pyrene	23.697	252	608028	12.083	ng	98
91) Dibenzo(a,h)anthracene	26.262	278	116952	2.163	ng	# 86
92) Benzo(g,h,i)perylene	27.015	276	425061	8.036	ng	97

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

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