

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041259.D
 Acq On : 03 Aug 2023 13:07
 Operator : MA/JU
 Sample : 03795-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 04 01:17:50 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 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	185632	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	790499	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	502632	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1014410	20.000	ng	0.00
76) Chrysene-d12	21.427	240	710415	20.000	ng	0.00
86) Perylene-d12	23.803	264	758320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	994877	80.101	ng	0.00
7) Phenol-d6	6.981	99	1333693	82.840	ng	0.00
23) Nitrobenzene-d5	8.969	82	858181	50.486	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	609856	85.781	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2037574	51.210	ng	0.00
79) Terphenyl-d14	19.862	244	2719005	69.200	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.181	152	200353	4.080	ng	99
71) Phenanthrene	17.263	178	238390	4.230	ng	99
72) Anthracene	17.357	178	175658	3.151	ng	100
75) Fluoranthene	19.292	202	870008	13.740	ng	99
78) Pyrene	19.657	202	873413	17.581	ng	100
81) Benzo(a)anthracene	21.415	228	504010	10.465	ng	95
83) Chrysene	21.462	228	485066	10.413	ng	97
84) Bis(2-ethylhexyl)phtha...	21.333	149	9854	2.863	ng	# 84
87) Indeno(1,2,3-cd)pyrene	26.250	276	381572	6.844	ng	# 93
88) Benzo(b)fluoranthene	23.086	252	775451	17.214	ng	98
89) Benzo(k)fluoranthene	23.127	252	219473m	4.763	ng	
90) Benzo(a)pyrene	23.698	252	525991	12.152	ng	97
91) Dibenzo(a,h)anthracene	26.256	278	106265	2.285	ng	# 87
92) Benzo(g,h,i)perylene	27.009	276	379393	8.338	ng	97

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

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