

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039787.D
 Acq On : 01 May 2023 21:02
 Operator : CG/JU
 Sample : 02417-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:27:32 2023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Apr 29 04:28:45 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3804	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.594	136	14007	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	8081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	16058	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	6481	0.400	ng/ul	# 0.00
23) Perylene-d12	23.758	264	9487	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	12768	2.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3901	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	5656	0.324	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.643	128	39374	1.119	ng/ul	98
7) 2-Methylnaphthalene	12.265	142	22187	1.093	ng/ul	96
8) 1-Methylnaphthalene	12.485	142	23788	1.092	ng/ul	99
10) Acenaphthylene	14.172	152	91379	2.922	ng/ul	99
11) Acenaphthene	14.509	153	104843	4.267	ng/ul	98
12) Fluorene	15.504	166	148665	5.454	ng/ul	98
15) Phenanthrene	17.249	178	2179386	51.515	ng/ul	99
16) Anthracene	17.338	178	437365	12.040	ng/ul	97
19) Fluoranthene	19.274	202	3326467	143.868	ng/ul	98
20) Pyrene	19.642	202	2664180	106.699	ng/ul	100
21) Benzo(a)anthracene	21.388	228	1320324	70.856	ng/ul	98
22) Chrysene	21.441	228	1221231	57.913	ng/ul	98
24) Benzo(b)fluoranthene	23.048	252	1698989	50.994	ng/ul	92
25) Benzo(k)fluoranthene	23.089	252	493594m	14.550	ng/ul	
26) Benzo(a)pyrene	23.659	252	1091968	36.504	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.205	276	819224	21.658	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.205	278	212422	7.236	ng/ul	97
29) Benzo(g,h,i)perylene	26.956	276	665988	20.207	ng/ul	97

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

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