

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039347.D
 Acq On : 07 Apr 2023 10:43
 Operator : CG/JU
 Sample : 02115-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9C2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/10/2023
 Supervised By : Jagrut Upadhyay 04/10/2023

Quant Time: Apr 07 23:12:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 23:05:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	7237	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.686	136	25884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	14257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	25220	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	20070	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	19631	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	27975	2.088	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	6149	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	11979	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	2989	0.049	ng/ul#	86
7) 2-Methylnaphthalene	12.357	142	1357	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	1580	0.040	ng/ul	99
10) Acenaphthylene	14.250	152	17522	0.317	ng/ul	100
11) Acenaphthene	14.587	153	17220	0.395	ng/ul	99
12) Fluorene	15.577	166	16650	0.384	ng/ul	99
15) Phenanthrene	17.316	178	385092	5.505	ng/ul	98
16) Anthracene	17.409	178	67773	1.273	ng/ul	96
19) Fluoranthene	19.334	202	1040996	12.531	ng/ul	100
20) Pyrene	19.701	202	524962	5.511	ng/ul	98
21) Benzo(a)anthracene	21.445	228	416377	8.996	ng/ul	99
22) Chrysene	21.498	228	470716	8.296	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	675764	10.853	ng/ul	80
25) Benzo(k)fluoranthene	23.167	252	207878m	3.501	ng/ul	
26) Benzo(a)pyrene	23.746	252	120878	1.926	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.324	276	158162	2.001	ng/ul	95
28) Dibenzo(a,h)anthracene	26.330	278	65913m	1.191	ng/ul	
29) Benzo(g,h,i)perylene	27.085	276	7161	0.094	ng/ul#	58

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

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