

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043063.D
 Acq On : 27 Nov 2023 23:39
 Operator : MA/JU
 Sample : 05416-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 01:10:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	852m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.611	136	2538	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1536m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3277	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.406	240	2371	0.400	ng/ul	#-0.02
23) Perylene-d12	23.759	264	1903m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1323	1.012	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	248	0.073	ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	713	0.083	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	499	0.072	ng/ul#	80
7) 2-Methylnaphthalene	12.305	142	451	0.111	ng/ul	93
8) 1-Methylnaphthalene	12.508	142	297	0.065	ng/ul	95
10) Acenaphthylene	14.182	152	366	0.047	ng/ul#	70
11) Acenaphthene	14.519	153	119	0.020	ng/ul#	92
12) Fluorene	15.514	166	183	0.030	ng/ul#	87
15) Phenanthrene	17.250	178	3020	0.323	ng/ul	99
16) Anthracene	17.250	178	2919	0.329	ng/ul	94
19) Fluoranthene	19.270	202	7479	0.556	ng/ul#	94
20) Pyrene	19.633	202	6993	0.489	ng/ul	96
21) Benzo(a)anthracene	21.389	228	3262	0.424	ng/ul	98
22) Chrysene	21.444	228	3057	0.213	ng/ul	96
24) Benzo(b)fluoranthene	23.028	252	3933	0.612	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	1422m	0.161	ng/ul	
26) Benzo(a)pyrene	23.645	252	2073	0.296	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.225	276	1522	0.160	ng/ul#	100
29) Benzo(g,h,i)perylene	26.997	276	1362	0.148	ng/ul#	86

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

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