

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043081.D
 Acq On : 28 Nov 2023 20:45
 Operator : MA/JU
 Sample : 05416-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 23:39:58 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	7.809	152	839m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2076	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1149m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	2306	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	1753	0.400	ng/ul	-0.02
23) Perylene-d12	23.750	264	1757m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1799	1.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	542	0.195	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1226	0.192	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	597	0.106	ng/ul#	84
7) 2-Methylnaphthalene	12.294	142	471	0.142	ng/ul	92
8) 1-Methylnaphthalene	12.503	142	326	0.088	ng/ul	98
10) Acenaphthylene	14.182	152	540	0.092	ng/ul#	80
11) Acenaphthene	14.515	153	98	0.022	ng/ul#	88
12) Fluorene	15.505	166	320	0.070	ng/ul#	93
15) Phenanthrene	17.250	178	4060	0.617	ng/ul	97
16) Anthracene	17.343	178	1030m	0.165	ng/ul	
19) Fluoranthene	19.266	202	14466	1.456	ng/ul#	94
20) Pyrene	19.633	202	12942	1.225	ng/ul#	94
21) Benzo(a)anthracene	21.386	228	6022	1.059	ng/ul	98
22) Chrysene	21.438	228	5414	0.511	ng/ul	97
24) Benzo(b)fluoranthene	23.022	252	9331	1.574	ng/ul	90
25) Benzo(k)fluoranthene	23.069	252	3905m	0.478	ng/ul	
26) Benzo(a)pyrene	23.636	252	5255	0.812	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.199	276	4208	0.481	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	909	0.134	ng/ul#	74
29) Benzo(g,h,i)perylene	26.963	276	4087	0.480	ng/ul	99

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

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