

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045660.D
 Acq On : 01 May 2024 13:47
 Operator : MA/JU
 Sample : P2119-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 14:17:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 09:34:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	556	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.292	136	1391	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.182	164	680	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.946	188	1393m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	1416	0.400	ng/ul	-0.02
23) Perylene-d12	23.353	264	2097m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	2476	3.322	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.920	152	347	0.189	ng/ul	-0.01
18) Fluoranthene-d10	18.992	212	751	0.168	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	239	0.064	ng/ul#	55
7) 2-Methylnaphthalene	11.997	142	171	0.080	ng/ul	97
8) 1-Methylnaphthalene	12.211	142	145	0.061	ng/ul	94
10) Acenaphthylene	13.904	152	486	0.145	ng/ul#	78
11) Acenaphthene	14.247	153	244	0.098	ng/ul	93
12) Fluorene	15.250	166	306	0.115	ng/ul#	84
15) Phenanthrene	16.988	178	6269	1.545	ng/ul	95
16) Anthracene	17.081	178	822	0.217	ng/ul#	83
19) Fluoranthene	19.020	202	15183	2.323	ng/ul#	91
20) Pyrene	19.387	202	13691	2.038	ng/ul#	92
21) Benzo(a)anthracene	21.155	228	6687	1.477	ng/ul	96
22) Chrysene	21.208	228	7477	1.074	ng/ul	98
24) Benzo(b)fluoranthene	22.698	252	14010m	1.986	ng/ul	
25) Benzo(k)fluoranthene	22.736	252	4983m	0.559	ng/ul	
26) Benzo(a)pyrene	23.253	252	9272m	1.267	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.525	276	8836	0.831	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.531	278	1880	0.223	ng/ul	95
29) Benzo(g,h,i)perylene	26.189	276	9514	0.996	ng/ul	93

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

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