

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045658.D
 Acq On : 01 May 2024 12:34
 Operator : MA/JU
 Sample : P2105-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

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

Quant Time: May 01 13:11:31 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	7.530	152	586	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.297	136	1633	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.186	164	824	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	1440m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.178	240	1222	0.400	ng/ul	-0.01
23) Perylene-d12	23.359	264	1837m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	1649	2.099	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.920	152	338	0.157	ng/ul	-0.01
18) Fluoranthene-d10	18.992	212	552	0.143	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	359	0.082	ng/ul#	75
7) 2-Methylnaphthalene	11.997	142	202	0.081	ng/ul	88
8) 1-Methylnaphthalene	12.211	142	208	0.074	ng/ul	95
10) Acenaphthylene	13.904	152	880	0.217	ng/ul#	90
11) Acenaphthene	14.251	153	61	0.020	ng/ul#	87
12) Fluorene	15.250	166	143	0.044	ng/ul#	82
15) Phenanthrene	16.988	178	2542	0.606	ng/ul	100
16) Anthracene	17.085	178	662	0.169	ng/ul#	79
19) Fluoranthene	19.024	202	6751	1.197	ng/ul#	91
20) Pyrene	19.387	202	6250	1.078	ng/ul	96
21) Benzo(a)anthracene	21.167	228	3549	0.909	ng/ul	99
22) Chrysene	21.213	228	3190	0.531	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252	7379	1.194	ng/ul	95
25) Benzo(k)fluoranthene	22.748	252	2703m	0.346	ng/ul	
26) Benzo(a)pyrene	23.259	252	4881	0.762	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.534	276	5479	0.588	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.541	278	1583	0.214	ng/ul#	87
29) Benzo(g,h,i)perylene	26.199	276	5708	0.682	ng/ul	97

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

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