

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045918.D
 Acq On : 08 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2640-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C24

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:28:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	7248	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	25188	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	14669	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	31706m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	16611m	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	21109m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26526	3.213	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.827	152	8428	0.233	ng/ul	-0.02
18) Fluoranthene-d10	18.881	212	23988m	0.482	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	80265	1.219	ng/ul	99
7) 2-Methylnaphthalene	11.904	142	79039	1.883	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	72600	1.591	ng/ul	100
10) Acenaphthylene	13.822	152	23521	0.353	ng/ul#	90
11) Acenaphthene	14.164	153	372065	7.590	ng/ul	99
12) Fluorene	15.159	166	371338	6.777	ng/ul	98
15) Phenanthrene	16.892	178	4136244m	46.465	ng/ul	
16) Anthracene	16.981	178	1137188m	14.977	ng/ul	
19) Fluoranthene	18.914	202	3914445m	59.097	ng/ul	
20) Pyrene	19.276	202	3006027m	43.505	ng/ul	
21) Benzo(a)anthracene	21.029	228	1512749m	24.810	ng/ul	
22) Chrysene	21.081	228	1447163m	21.801	ng/ul	
24) Benzo(b)fluoranthene	22.536	252	1276573m	18.233	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	507829m	6.600	ng/ul	
26) Benzo(a)pyrene	23.063	252	649822m	9.333	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.222	276	421069m	4.677	ng/ul	
28) Dibenzo(a,h)anthracene	25.222	278	158289m	2.199	ng/ul	
29) Benzo(g,h,i)perylene	25.849	276	64896m	0.836	ng/ul	

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

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