

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045885.D
 Acq On : 07 Jun 2024 16:45
 Operator : MA/JU
 Sample : P2586-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D20

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 17:33:45 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 : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	7157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	24107	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.112	164	13345	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	26602m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.050	240	15902m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	19281m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	35995	4.416	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.831	152	11013	0.318	ng/ul	-0.02
18) Fluoranthene-d10	18.884	212	19485m	0.409	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.281	128	64440	1.023	ng/ul	100
7) 2-Methylnaphthalene	11.903	142	55890	1.391	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	57754	1.322	ng/ul	99
10) Acenaphthylene	13.830	152	67802	1.117	ng/ul	98
11) Acenaphthene	14.172	153	18334	0.411	ng/ul	98
12) Fluorene	15.167	166	23604	0.473	ng/ul#	95
15) Phenanthrene	16.895	178	618084m	8.275	ng/ul	
16) Anthracene	16.988	178	104728m	1.644	ng/ul	
19) Fluoranthene	18.917	202	1278183m	20.157	ng/ul	
20) Pyrene	19.280	202	1082691m	16.368	ng/ul	
21) Benzo(a)anthracene	21.032	228	556512m	9.534	ng/ul	
22) Chrysene	21.085	228	645891m	10.164	ng/ul	
24) Benzo(b)fluoranthene	22.540	252	779685m	12.192	ng/ul	
25) Benzo(k)fluoranthene	22.578	252	284836m	4.053	ng/ul	
26) Benzo(a)pyrene	23.072	252	525241m	8.259	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.232	276	396806m	4.825	ng/ul	
28) Dibenzo(a,h)anthracene	25.239	278	103695m	1.577	ng/ul	
29) Benzo(g,h,i)perylene	25.866	276	401455m	5.660	ng/ul	

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

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