

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045889.D
 Acq On : 07 Jun 2024 20:30
 Operator : MA/JU
 Sample : P2586-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 23:01:48 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	7.468	152	5884	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	20299	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11061	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	24401m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	18880m	0.400	ng/ul	0.00
23) Perylene-d12	23.160	264	20179m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	26635	3.974	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7240	0.248	ng/ul	-0.01
18) Fluoranthene-d10	18.885	212	15115m	0.267	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	3979	0.075	ng/ul#	94
7) 2-Methylnaphthalene	11.914	142	1320	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1102	0.030	ng/ul	97
10) Acenaphthylene	13.830	152	13454	0.267	ng/ul	99
11) Acenaphthene	14.177	153	6860	0.186	ng/ul	97
12) Fluorene	15.167	166	9143	0.221	ng/ul	99
14) Pentachlorophenol	16.536	266	161	0.035	ng/ul	98
15) Phenanthrene	16.895	178	199353m	2.910	ng/ul	
16) Anthracene	16.984	178	43355m	0.742	ng/ul	
19) Fluoranthene	18.917	202	413545m	5.493	ng/ul	
20) Pyrene	19.280	202	333226m	4.243	ng/ul	
21) Benzo(a)anthracene	21.032	228	171903m	2.481	ng/ul	
22) Chrysene	21.085	228	182192m	2.415	ng/ul	
24) Benzo(b)fluoranthene	22.534	252	237165m	3.543	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	78876m	1.072	ng/ul	
26) Benzo(a)pyrene	23.066	252	153159m	2.301	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.223	276	112314m	1.305	ng/ul	
28) Dibenzo(a,h)anthracene	25.229	278	27615m	0.401	ng/ul	
29) Benzo(g,h,i)perylene	25.853	276	115044m	1.550	ng/ul	

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

