

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042117.D
 Acq On : 28 Sep 2023 16:37
 Operator : MA/JU
 Sample : 04480-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK42

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 17:14:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2892	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.751	136	8009	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.587	164	4733	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.337	188	11684	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.512	240	6810	0.400	ng/ul	-0.01
23) Perylene-d12	23.912	264	8113	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	21603	5.482	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.335	152	4619	0.461	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	10502	0.375	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	1694	0.409	ng/ul#	9
5) Naphthalene	10.806	128	1548977	57.732	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	1106269	69.169	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	593363	36.543	ng/ul	98
10) Acenaphthylene	14.300	152	11828	0.373	ng/ul#	1
11) Acenaphthene	14.647	153	42686	1.756	ng/ul	94
12) Fluorene	15.633	166	68525	2.502	ng/ul	99
15) Phenanthrene	17.379	178	205701	3.796	ng/ul	99
16) Anthracene	17.472	178	15027	0.321	ng/ul#	83
19) Fluoranthene	19.389	202	7501	0.097	ng/ul#	88
20) Pyrene	19.761	202	25652m	0.339	ng/ul	
21) Benzo(a)anthracene	21.495	228	3832	0.074	ng/ul#	67
22) Chrysene	21.547	228	6070m	0.114	ng/ul	
24) Benzo(b)fluoranthene	23.175	252	1517	0.024	ng/ul#	1
26) Benzo(a)pyrene	23.810	252	1656	0.032	ng/ul#	26
29) Benzo(g,h,i)perylene	27.172	276	1574	0.027	ng/ul#	68

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

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