

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043112.D
 Acq On : 01 Dec 2023 08:09
 Operator : MA/JU
 Sample : 05459-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 23:17:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	1086m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.601	136	2959	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.447	164	1757m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.205	188	3566	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.394	240	2570	0.400	ng/ul	#-0.02
23) Perylene-d12	23.744	264	2728m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2572	1.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	1034	0.261	ng/ul	-0.03
18) Fluoranthene-d10	19.235	212	2453	0.262	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.651	128	1635	0.203	ng/ul	94
7) 2-Methylnaphthalene	12.284	142	894	0.188	ng/ul	100
8) 1-Methylnaphthalene	12.493	142	663	0.125	ng/ul	99
10) Acenaphthylene	14.178	152	241	0.027	ng/ul#	49
11) Acenaphthene	14.511	153	225	0.033	ng/ul#	90
12) Fluorene	15.501	166	457	0.066	ng/ul#	94
15) Phenanthrene	17.243	178	9417	0.925	ng/ul	94
16) Anthracene	17.340	178	4452	0.462	ng/ul	93
19) Fluoranthene	19.262	202	44423	3.049	ng/ul#	91
20) Pyrene	19.630	202	40675	2.625	ng/ul#	91
21) Benzo(a)anthracene	21.377	228	29351	3.520	ng/ul	95
22) Chrysene	21.432	228	28021	1.804	ng/ul	96
24) Benzo(b)fluoranthene	23.013	252	37569	4.081	ng/ul	80
25) Benzo(k)fluoranthene	23.063	252	14570m	1.149	ng/ul	
26) Benzo(a)pyrene	23.630	252	25100	2.498	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.181	276	19563	1.439	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.191	278	4492m	0.427	ng/ul	
29) Benzo(g,h,i)perylene	26.943	276	17940	1.356	ng/ul#	91

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

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