

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043114.D
 Acq On : 01 Dec 2023 09:22
 Operator : MA/JU
 Sample : 05459-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 23:18:05 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	7.800	152	1017m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.600	136	2675	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.445	164	1546m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	3325m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.394	240	2858m	0.400	ng/ul	-0.02
23) Perylene-d12	23.739	264	3260m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4766	3.054	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1319	0.369	ng/ul	-0.03
18) Fluoranthene-d10	19.229	212	3844	0.369	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	4611	0.634	ng/ul#	86
7) 2-Methylnaphthalene	12.272	142	2848	0.664	ng/ul	96
8) 1-Methylnaphthalene	12.492	142	1963	0.411	ng/ul	96
10) Acenaphthylene	14.172	152	3776	0.479	ng/ul	95
11) Acenaphthene	14.510	153	671	0.112	ng/ul	98
12) Fluorene	15.500	166	945	0.154	ng/ul#	97
15) Phenanthrene	17.241	178	33104m	3.489	ng/ul	
16) Anthracene	17.334	178	7525	0.837	ng/ul	93
19) Fluoranthene	19.261	202	71462	4.410	ng/ul#	91
20) Pyrene	19.628	202	62588	3.632	ng/ul#	92
21) Benzo(a)anthracene	21.377	228	34672m	3.739	ng/ul	
22) Chrysene	21.430	228	25692	1.488	ng/ul	97
24) Benzo(b)fluoranthene	23.016	252	41554	3.777	ng/ul	81
25) Benzo(k)fluoranthene	23.060	252	16994m	1.122	ng/ul	
26) Benzo(a)pyrene	23.628	252	30748	2.561	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.175	276	24941	1.535	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.185	278	5603m	0.446	ng/ul	
29) Benzo(g,h,i)perylene	26.936	276	22591	1.429	ng/ul#	90

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

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