

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043077.D
 Acq On : 28 Nov 2023 18:21
 Operator : MA/JU
 Sample : 05416-23DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 23:39:13 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 : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	906m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2883	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	1470m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	2959	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2125	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	1978m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1090	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	392	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	909	0.117	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.667	128	306	0.039	ng/ul#	54
7) 2-Methylnaphthalene	12.311	142	245	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	174	0.034	ng/ul	95
10) Acenaphthylene	14.183	152	273	0.036	ng/ul#	55
11) Acenaphthene	14.516	153	2680	0.471	ng/ul	96
12) Fluorene	15.511	166	2773	0.475	ng/ul	98
15) Phenanthrene	17.251	178	4970	0.589	ng/ul	96
16) Anthracene	17.348	178	899m	0.112	ng/ul	
19) Fluoranthene	19.272	202	11033	0.916	ng/ul#	93
20) Pyrene	19.634	202	9725	0.759	ng/ul#	94
21) Benzo(a)anthracene	21.388	228	3642	0.528	ng/ul	98
22) Chrysene	21.444	228	3726	0.290	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	4647	0.696	ng/ul	96
25) Benzo(k)fluoranthene	23.074	252	2117m	0.230	ng/ul	
26) Benzo(a)pyrene	23.642	252	3001	0.412	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.215	276	2449	0.248	ng/ul#	99
29) Benzo(g,h,i)perylene	26.976	276	2272	0.237	ng/ul	93

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

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