

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045468.D
 Acq On : 21 Apr 2024 18:46
 Operator : MA/JU
 Sample : P2181-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 02:05:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 02:01:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	888	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.319	136	2602	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.201	164	1982	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188	3671m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.183	240	3418	0.400	ng/ul	-0.03
23) Perylene-d12	23.375	264	3311m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5249	4.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1884	0.549	ng/ul	-0.06
18) Fluoranthene-d10	19.011	212	4854	0.451	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	179759	25.726	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142	4704	1.179	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	11191	2.501	ng/ul	98
10) Acenaphthylene	13.924	152	13122	1.342	ng/ul#	93
11) Acenaphthene	14.275	153	1565632	215.688	ng/ul	96
12) Fluorene	15.265	166	347975	44.818	ng/ul#	96
15) Phenanthrene	17.006	178	11225m	1.050	ng/ul	
16) Anthracene	17.099	178	58936m	5.892	ng/ul	
19) Fluoranthene	19.039	202	189859	12.037	ng/ul#	90
20) Pyrene	19.406	202	99982	6.167	ng/ul#	92
21) Benzo(a)anthracene	21.169	228	4567	0.418	ng/ul	97
22) Chrysene	21.221	228	1315m	0.078	ng/ul	

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

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