

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045549.D
 Acq On : 25 Apr 2024 04:42
 Operator : MA/JU
 Sample : P2104-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 05:20:06 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	925	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2454	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1644	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	3301m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2569	0.400	ng/ul	# 0.00
23) Perylene-d12	23.373	264	3773	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	4385	3.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	818	0.253	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212	1992	0.246	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.364	128	2643	0.401	ng/ul	93
7) 2-Methylnaphthalene	11.991	142	1443	0.383	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	810	0.192	ng/ul	93
10) Acenaphthylene	13.918	152	2089	0.258	ng/ul#	59
12) Fluorene	15.260	166	461	0.072	ng/ul#	12
15) Phenanthrene	17.005	178	4631m	0.482	ng/ul	
16) Anthracene	17.098	178	1666m	0.185	ng/ul	
19) Fluoranthene	19.038	202	8222	0.694	ng/ul	98
20) Pyrene	19.405	202	8771	0.720	ng/ul	98
21) Benzo(a)anthracene	21.169	228	4607	0.561	ng/ul#	82
22) Chrysene	21.219	228	7475m	0.592	ng/ul	
24) Benzo(b)fluoranthene	22.721	252	12943m	1.020	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	3802m	0.237	ng/ul	
26) Benzo(a)pyrene	23.274	252	6597	0.501	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.558	276	7820	0.409	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.561	278	2267	0.149	ng/ul#	42
29) Benzo(g,h,i)perylene	26.222	276	7166	0.417	ng/ul#	91

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

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