

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040468.D
 Acq On : 30 Jun 2023 12:44
 Operator : MA/JU
 Sample : 03239-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:03:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	5972	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	22613	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	11034	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	23135	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	17578	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	17246	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	23779	2.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5539	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	9945	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	4104	0.066	ng/ul#	86
7) 2-Methylnaphthalene	12.406	142	2306	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	1474	0.040	ng/ul	98
10) Acenaphthylene	14.300	152	4088	0.083	ng/ul#	90
11) Acenaphthene	14.642	153	1012	0.024	ng/ul	91
12) Fluorene	15.627	166	1497	0.034	ng/ul#	91
15) Phenanthrene	17.366	178	26197	0.365	ng/ul	99
16) Anthracene	17.459	178	13863	0.230	ng/ul	97
19) Fluoranthene	19.380	202	71743	0.961	ng/ul	100
20) Pyrene	19.747	202	55571m	0.694	ng/ul	
21) Benzo(a)anthracene	21.489	228	34155	0.574	ng/ul	96
22) Chrysene	21.541	228	45339	0.668	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	66631	0.998	ng/ul	99
25) Benzo(k)fluoranthene	23.222	252	24807m	0.377	ng/ul	
26) Benzo(a)pyrene	23.809	252	39246	0.653	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.417	276	36513	0.436	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.431	278	9010	0.137	ng/ul#	73
29) Benzo(g,h,i)perylene	27.195	276	36176	0.493	ng/ul	99

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

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