

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045495.D
 Acq On : 23 Apr 2024 00:51
 Operator : MA/JU
 Sample : P2037-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:31:53 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 : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	912	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136	2914	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.206	164	1850	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188	4004m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.183	240	2710	0.400	ng/ul	#-0.03
23) Perylene-d12	23.378	264	3138m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	3188	2.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	884	0.230	ng/ul	-0.06
18) Fluoranthene-d10	19.006	212	1778	0.208	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	4934	0.631	ng/ul#	89
7) 2-Methylnaphthalene	12.002	142	2443	0.547	ng/ul	98
8) 1-Methylnaphthalene	12.222	142	1605	0.320	ng/ul	100
10) Acenaphthylene	13.923	152	1273	0.140	ng/ul#	81
11) Acenaphthene	14.266	153	513	0.076	ng/ul	94
12) Fluorene	15.265	166	299m	0.041	ng/ul	
15) Phenanthrene	17.006	178	29447	2.525	ng/ul	93
16) Anthracene	17.103	178	2643m	0.242	ng/ul	
19) Fluoranthene	19.039	202	32337	2.586	ng/ul#	91
20) Pyrene	19.401	202	26283	2.045	ng/ul	94
21) Benzo(a)anthracene	21.172	228	12731m	1.470	ng/ul	
22) Chrysene	21.221	228	15815m	1.187	ng/ul	
24) Benzo(b)fluoranthene	22.720	252	25245m	2.392	ng/ul	
25) Benzo(k)fluoranthene	22.761	252	8231m	0.617	ng/ul	
26) Benzo(a)pyrene	23.276	252	17110	1.563	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.557	276	17257	1.085	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.571	278	4035m	0.320	ng/ul	
29) Benzo(g,h,i)perylene	26.225	276	18695	1.308	ng/ul	95

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

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