

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039749.D
 Acq On : 28 Apr 2023 22:54
 Operator : CG/JU
 Sample : 02417-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 02:26:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	4958	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	19164	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	11133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	20652	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.395	240	8758	0.400	ng/ul	#-0.01
23) Perylene-d12	23.739	264	10790	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	15717	2.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	5074	0.206	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	8163	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	71604	1.488	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	44887	1.616	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	39144	1.314	ng/ul	100
10) Acenaphthylene	14.168	152	51818	1.203	ng/ul	98
11) Acenaphthene	14.510	153	71992	2.127	ng/ul	98
12) Fluorene	15.496	166	134057	3.570	ng/ul	99
15) Phenanthrene	17.242	178	1810367	33.273	ng/ul	99
16) Anthracene	17.330	178	328613	7.034	ng/ul	97
19) Fluoranthene	19.261	202	2140345	68.502	ng/ul	99
20) Pyrene	19.629	202	1638337	48.556	ng/ul	100
21) Benzo(a)anthracene	21.377	228	850337	33.770	ng/ul	99
22) Chrysene	21.430	228	756380	26.543	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	956344	25.238	ng/ul	92
25) Benzo(k)fluoranthene	23.069	252	354400m	9.185	ng/ul	
26) Benzo(a)pyrene	23.637	252	672358	19.762	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.162	276	481333	11.189	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.165	278	131903	3.950	ng/ul	96
29) Benzo(g,h,i)perylene	26.909	276	438573	11.700	ng/ul	97

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

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