

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039892.D
 Acq On : 09 May 2023 14:08
 Operator : CG/JU
 Sample : 02479-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW947

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 01:03:10 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 : Tue May 09 12:11:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2044	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.578	136	6447	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	3712	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7431	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.396	240	5159	0.400	ng/ul	# 0.00
23) Perylene-d12	23.752	264	5570	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	5854	1.943	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	1386	0.168	ng/ul	-0.02
18) Fluoranthene-d10	19.229	212	2879	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.622	128	47592	2.940	ng/ul	98
7) 2-Methylnaphthalene	12.245	142	66086	7.073	ng/ul	97
8) 1-Methylnaphthalene	12.470	142	29847	2.978	ng/ul	100
10) Acenaphthylene	14.154	152	26748	1.862	ng/ul#	95
11) Acenaphthene	14.497	153	8096	0.717	ng/ul	97
12) Fluorene	15.491	166	10031	0.801	ng/ul#	96
15) Phenanthrene	17.233	178	187011	9.552	ng/ul	99
16) Anthracene	17.326	178	40107	2.386	ng/ul	99
19) Fluoranthene	19.262	202	357151	19.405	ng/ul	97
20) Pyrene	19.624	202	298112	14.999	ng/ul	100
21) Benzo(a)anthracene	21.379	228	163762	11.040	ng/ul	96
22) Chrysene	21.431	228	156593	9.329	ng/ul	95
24) Benzo(b)fluoranthene	23.039	252	231028m	11.810	ng/ul	
25) Benzo(k)fluoranthene	23.080	252	76091m	3.820	ng/ul	
26) Benzo(a)pyrene	23.647	252	156070	8.886	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.194	276	125720	5.661	ng/ul	93
28) Dibenzo(a,h)anthracene	26.194	278	35446	2.056	ng/ul#	72
29) Benzo(g,h,i)perylene	26.949	276	135046	6.979	ng/ul	96

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

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