

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039784.D
 Acq On : 01 May 2023 19:13
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:26:59 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 : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3562	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	12563	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	13795	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	5797	0.400	ng/ul	# 0.00
23) Perylene-d12	23.760	264	8049	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	17324	3.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	5331	0.331	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	8041	0.515	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.644	128	57505	1.823	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	25282	1.389	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	24367	1.248	ng/ul	100
10) Acenaphthylene	14.168	152	148796	5.331	ng/ul	100
11) Acenaphthene	14.511	153	101337	4.622	ng/ul	98
12) Fluorene	15.501	166	119062	4.895	ng/ul	99
15) Phenanthrene	17.246	178	1801752	49.575	ng/ul	99
16) Anthracene	17.339	178	439586	14.086	ng/ul	97
19) Fluoranthene	19.276	202	3266963	157.966	ng/ul	99
20) Pyrene	19.638	202	2837629	127.055	ng/ul	96
21) Benzo(a)anthracene	21.389	228	1441935	86.513	ng/ul	97
22) Chrysene	21.442	228	1383477	73.348	ng/ul	97
24) Benzo(b)fluoranthene	23.052	252	1943758	68.763	ng/ul	92
25) Benzo(k)fluoranthene	23.090	252	624847m	21.709	ng/ul	
26) Benzo(a)pyrene	23.663	252	1385538	54.593	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.206	276	1053861	32.839	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.209	278	262225	10.528	ng/ul	96
29) Benzo(g,h,i)perylene	26.960	276	920981	32.936	ng/ul	98

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

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