

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036194.D
 Acq On : 01 Feb 2025 07:29
 Operator : RC/JU
 Sample : Q1224-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6308

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 12:04:39 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 21 23:52:22 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2983	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	7705	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	4785	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	10283	0.400	ng/ul	-0.01
17) Chrysene-d12	21.369	240	10158	0.400	ng/ul	# 0.00
23) Perylene-d12	23.663	264	8982	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	8629	2.642	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1877	0.193	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	3826	0.137	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.633	128	1125	0.053	ng/ul#	84
7) 2-Methylnaphthalene	12.249	142	403	0.031	ng/ul	100
8) 1-Methylnaphthalene	12.469	142	339	0.025	ng/ul	97
10) Acenaphthylene	14.154	152	3476	0.154	ng/ul	98
11) Acenaphthene	14.496	153	1666	0.100	ng/ul	99
12) Fluorene	15.482	166	2046	0.112	ng/ul#	98
14) Pentachlorophenol	16.836	266	260	0.072	ng/ul	95
15) Phenanthrene	17.221	178	78571	2.609	ng/ul	97
16) Anthracene	17.309	178	7504	0.268	ng/ul	96
19) Fluoranthene	19.238	202	248811	6.445	ng/ul	100
20) Pyrene	19.601	202	173292	4.300	ng/ul	98
21) Benzo(a)anthracene	21.351	228	75743	2.089	ng/ul	98
22) Chrysene	21.404	228	123900	3.345	ng/ul	98
24) Benzo(b)fluoranthene	22.973	252	157137m	5.243	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	59118m	1.876	ng/ul	
26) Benzo(a)pyrene	23.564	252	50690	1.872	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.001	276	49523	1.383	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.011	278	14004	0.508	ng/ul#	85
29) Benzo(g,h,i)perylene	26.716	276	6976	0.251	ng/ul#	76

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

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