

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036198.D
 Acq On : 01 Feb 2025 09:53
 Operator : RC/JU
 Sample : Q1224-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6306

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:05:00 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	2035	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	5255	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	3377	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.179	188	7432	0.400	ng/ul	-0.01
17) Chrysene-d12	21.365	240	8378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	8936	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	5559	2.495	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1382	0.208	ng/ul	-0.02
18) Fluoranthene-d10	19.206	212	3463	0.150	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.633	128	1241	0.086	ng/ul#	88
7) 2-Methylnaphthalene	12.250	142	471	0.052	ng/ul	97
8) 1-Methylnaphthalene	12.470	142	449	0.049	ng/ul	96
10) Acenaphthylene	14.149	152	1696	0.107	ng/ul#	92
11) Acenaphthene	14.496	153	3725	0.318	ng/ul	98
12) Fluorene	15.482	166	2816	0.218	ng/ul	100
14) Pentachlorophenol	16.837	266	134	0.051	ng/ul	92
15) Phenanthrene	17.217	178	54417	2.501	ng/ul	97
16) Anthracene	17.309	178	11123	0.550	ng/ul	99
19) Fluoranthene	19.238	202	116884	3.671	ng/ul	100
20) Pyrene	19.601	202	89676	2.698	ng/ul	98
21) Benzo(a)anthracene	21.351	228	52138	1.743	ng/ul	99
22) Chrysene	21.403	228	56465	1.848	ng/ul	98
24) Benzo(b)fluoranthene	22.970	252	77313m	2.593	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	28779m	0.918	ng/ul	
26) Benzo(a)pyrene	23.561	252	32560	1.209	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.994	276	25885	0.727	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.001	278	8508	0.310	ng/ul#	82
29) Benzo(g,h,i)perylene	26.712	276	4010	0.145	ng/ul#	76

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

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