Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036175.D
Acq On : 31 Jan 2025 19:27
Operator : RC/JU
Sample : Q1197-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964MSD

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

Quant Time: Feb 03 08:51:56 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	7.795	152	568	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.583	136	2191m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	6474m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.183	188	3320m	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	8350m	0.400	ng/ul	0.00
23) Perylene-d12	23.675	264	7809m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	208	0.334	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	918m	0.332	ng/ul	-0.02
18) Fluoranthene-d10	19.215	212	4372m	0.191	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.289	88	566	0.853	ng/ul#	1
5) Naphthalene	10.638	128	61682	10.219	ng/ul	98
7) 2-Methylnaphthalene	12.255	142	8699m	2.320	ng/ul	
8) 1-Methylnaphthalene	12.475	142	7657m	2.012	ng/ul	
10) Acenaphthylene	14.154	152	4008m	0.131	ng/ul	
11) Acenaphthene	14.501	153	7389m	0.329	ng/ul	
12) Fluorene	15.486	166	4589m	0.185	ng/ul	
14) Pentachlorophenol	16.841	266	1545m	1.328	ng/ul	
15) Phenanthrene	17.225	178	11859m	1.220	ng/ul	
16) Anthracene	17.314	178	12356m	1.367	ng/ul	
19) Fluoranthene	19.243	202	8569m	0.270	ng/ul	
20) Pyrene	19.606	202	9334m	0.282	ng/ul	
21) Benzo(a)anthracene	21.360	228	7663m	0.257	ng/ul	
22) Chrysene	21.410	228	9140m	0.300	ng/ul	
24) Benzo(b)fluoranthene	22.979	252	9903m	0.380	ng/ul	
25) Benzo(k)fluoranthene	23.023	252	9297m	0.339	ng/ul	
26) Benzo(a)pyrene	23.575	252	9489m	0.403	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.015	276	14111m	0.453	ng/ul	
28) Dibenzo(a,h)anthracene	26.028	278	11131m	0.464	ng/ul	
29) Benzo(g,h,i)perylene	26.729	276	11182m	0.462	ng/ul	

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

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