Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4B54

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7757	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	22466	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	12904	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	33000m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	19598m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	25184m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	37144	4.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9041	0.268	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	19577m	0.332	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	72925	1.227	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	25431	0.645	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	20790	0.509	ng/ul	99
10) Acenaphthylene	13.971	152	23833	0.444	ng/ul#	94
11) Acenaphthene	14.313	153	80943	1.943	ng/ul	98
12) Fluorene	15.308	166	116639	2.350	ng/ul	98
15) Phenanthrene	17.050	178	1559211m	17.234	ng/ul	
16) Anthracene	17.138	178	430789m	5.338	ng/ul	
19) Fluoranthene	19.073	202	1873427m	25.104	ng/ul	
20) Pyrene	19.440	202	1302856m	16.706	ng/ul	
21) Benzo(a)anthracene	21.197	228	843800m	11.929	ng/ul	
22) Chrysene	21.249	228	738496m	9.512	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	889043m	8.125	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	354093m	3.331	ng/ul	
26) Benzo(a)pyrene	23.333	252	383611m	5.039	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	321594m	2.698	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	120177m	1.357	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	45931m	0.484	ng/ul	

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

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