Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
Data File : BN025266.D
Acq On : 04 May 2023 15:57
Operator : CG/JU
Sample : 02447-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW916

Manual Integrations APPROVED

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

Quant Time: May 05 04:47:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	7653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	24357	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	15442	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	23881	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.505	240	16363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.943	264	22920	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	24295	3.066	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6977	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	11406	0.264	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.770	128	167144	2.678	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	106260	2.780	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	94691	2.324	ng/ul	100
10) Acenaphthylene	14.279	152	263622	4.583	ng/ul	99
11) Acenaphthene	14.621	153	91146	1.880	ng/ul	98
12) Fluorene	15.606	166	201792	3.722	ng/ul	99
14) Pentachlorophenol	16.967	266	481	0.103	ng/ul	95
15) Phenanthrene	17.351	178	3300521	48.964	ng/ul	100
16) Anthracene	17.440	178	836946	15.177	ng/ul	99
19) Fluoranthene	19.372	202	6127467	103.554	ng/ul	95
20) Pyrene	19.735	202	5428555	89.292	ng/ul	95
21) Benzo(a)anthracene	21.487	228	2705133	54.862	ng/ul	98
22) Chrysene	21.540	228	2602803	48.390	ng/ul	97
24) Benzo(b)fluoranthene	23.206	252	3226708m	34.700	ng/ul	
25) Benzo(k)fluoranthene	23.244	252	1173346m	13.118	ng/ul	
26) Benzo(a)pyrene	23.843	252	2377384	30.900	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.497	276	1671103	18.851	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.497	278	430420	6.216	ng/ul	99
29) Benzo(g,h,i)perylene	27.278	276	1484487	19.694	ng/ul	99

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

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