Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039796.D
Acq On : 02 May 2023 02:28
Operator : CG/JU
Sample : 02417-18DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Y4DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 03:01:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4252	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	16319	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	20542	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	10681	0.400	ng/ul	# 0.00
23) Perylene-d12	23.757	264	11411	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2818	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	888	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	1841	0.064	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	5276	0.129	ng/ul	96
7) 2-Methylnaphthalene	12.278	142	3015	0.127	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	2870	0.113	ng/ul	100
10) Acenaphthylene	14.173	152	20181	0.533	ng/ul	100
11) Acenaphthene	14.511	153	12491	0.420	ng/ul	99
12) Fluorene	15.505	166	20830	0.631	ng/ul	99
15) Phenanthrene	17.246	178	386102	7.134	ng/ul	98
16) Anthracene	17.339	178	83642	1.800	ng/ul	97
19) Fluoranthene	19.271	202	722474	18.960	ng/ul	96
20) Pyrene	19.634	202	561520	13.646	ng/ul	99
21) Benzo(a)anthracene	21.386	228	258702	8.424	ng/ul	99
22) Chrysene	21.436	228	236586	6.808	ng/ul	98
24) Benzo(b)fluoranthene	23.040	252	310691m	7.753	ng/ul	
25) Benzo(k)fluoranthene	23.084	252	99863m	2.447	ng/ul	
26) Benzo(a)pyrene	23.651	252	206219	5.731	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.192	276	152824	3.359	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.196	278	38127	1.080	ng/ul	94
29) Benzo(g,h,i)perylene	26.940	276	128020	3.229	ng/ul	99

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

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