Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039786.D
Acq On : 01 May 2023 20:25
Operator : CG/JU
Sample : 02417-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Y1

Manual Integrations APPROVED

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

Quant Time: May 02 01:27:21 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	7.791	152	4204	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.589	136	15836	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9478	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	18623	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.404	240	7917	0.400	ng/ul	# 0.00
23) Perylene-d12	23.757	264	11714	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	10219	1.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3525	0.174	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	5528	0.259	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.639	128	76772	1.931	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	51008	2.222	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	48755	1.980	ng/ul	100
10) Acenaphthylene	14.168	152	139259	3.796	ng/ul	99
11) Acenaphthene	14.511	153	82096	2.849	ng/ul	98
12) Fluorene	15.501	166	134152	4.196	ng/ul	98
14) Pentachlorophenol	16.875	266	266	0.066	ng/ul	95
15) Phenanthrene	17.246	178	2072220	42.236	ng/ul	99
16) Anthracene	17.335	178	463650	11.006	ng/ul	97
19) Fluoranthene	19.276	202	3055906	108.194	ng/ul	99
20) Pyrene	19.638	202	2794675	91.624	ng/ul	99
21) Benzo(a)anthracene	21.386	228	1361013	59.792	ng/ul	98
22) Chrysene	21.439	228	1221282	47.410	ng/ul	98
24) Benzo(b)fluoranthene	23.046	252	1604300	38.997	ng/ul	92
25) Benzo(k)fluoranthene	23.087	252	491658m	11.737	ng/ul	
26) Benzo(a)pyrene	23.657	252	1088832	29.479	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.199	276	778071	16.660	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.202	278	217709	6.006	ng/ul	97
29) Benzo(g,h,i)perylene	26.954	276	715326	17.577	ng/ul	97

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

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