Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034623.D
Acq On : 12 Apr 2022 15:53
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 12 18:43:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV028

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	1549	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.704	136	4600	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.533	164	2397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	3436	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	3352	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	2651	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1036	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.304	152	2442	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	3987	0.409	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1040	0.391	ng/ul#	67
5) Naphthalene	10.753	128	5502	0.413	ng/ul#	92
7) 2-Methylnaphthalene	12.381	142	3348	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.590	142	3169	0.394	ng/ul	98
10) Acenaphthylene	14.260	152	4881	0.434	ng/ul	94
11) Acenaphthene	14.597	153	3694	0.410	ng/ul	95
12) Fluorene	15.587	166	3712	0.401	ng/ul	99
14) Pentachlorophenol	16.958	266	611	0.458	ng/ul	95
15) Phenanthrene	17.329	178	4634	0.417	ng/ul	99
16) Anthracene	17.426	178	3460	0.408	ng/ul	99
19) Fluoranthene	19.340	202	5387	0.389	ng/ul#	95
20) Pyrene	19.702	202	6720	0.411	ng/ul#	93
21) Benzo(a)anthracene	21.479	228	2275m	0.325	ng/ul	
22) Chrysene	21.508	228	3418	0.386	ng/ul	98
24) Benzo(b)fluoranthene	23.124	252	3635m	0.417	ng/ul	
25) Benzo(k)fluoranthene	23.177	252	3736	0.428	ng/ul#	77
26) Benzo(a)pyrene	23.753	252	4684	0.468	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.349	276	5722	0.431	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.396	278	4094	0.426	ng/ul#	58
29) Benzo(g,h,i)perylene	27.097	276	6421	0.444	ng/ul#	94

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

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