Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044141.D
Acq On : 16 Feb 2024 16:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Feb 16 23:41:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	12701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	42038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	23461	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	49123	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	29651	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	27959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	7341	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	26124	0.444	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	49695	0.562	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	7195	0.400	ng/ul#	88
5) Naphthalene	10.748	128	53164	0.426	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	34401	0.446	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	34730	0.445	ng/ul	100
10) Acenaphthylene	14.261	152	56998	0.442	ng/ul	99
11) Acenaphthene	14.604	153	39353	0.421	ng/ul	99
12) Fluorene	15.594	166	43852	0.416	ng/ul	99
14) Pentachlorophenol	16.942	266	6430	0.366	ng/ul	98
15) Phenanthrene	17.339	178	67362	0.433	ng/ul	99
16) Anthracene	17.432	178	67122	0.436	ng/ul	99
19) Fluoranthene	19.360	202	74475	0.551	ng/ul	98
20) Pyrene	19.722	202	77041	0.542	ng/ul	96
21) Benzo(a)anthracene	21.481	228	60452	0.445	ng/ul	100
22) Chrysene	21.537	228	59190	0.404	ng/ul	100
24) Benzo(b)fluoranthene	23.162	252	50723	0.440	ng/ul	96
25) Benzo(k)fluoranthene	23.212	252	51659m	0.412	ng/ul	
26) Benzo(a)pyrene	23.785	252	45612	0.425	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.369	276	48804	0.357	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.402	278	38480	0.358	ng/ul	95
29) Benzo(g,h,i)perylene	27.127	276	40512	0.335	ng/ul	97

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

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