Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
Data File : BM035776.D
Acq On : 30 Jun 2022 11:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4119

Quant Time: Jul 01 01:16:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	2347	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.589	136	8606	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.422	164	4514m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	8969	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.365	240	10757	0.400	ng/ul	# 0.00
23) Perylene-d12	23.686	264	11490	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1499	0.471	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	4878	0.362	ng/ul	-0.03
18) Fluoranthene-d10	19.205	212	11657	0.322	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	1459m	0.463	ng/ul	
5) Naphthalene	10.644	128	9064	0.345	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	5100	0.309	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	5409	0.347	ng/ul	99
10) Acenaphthylene	14.150	152	8803	0.372	ng/ul	98
11) Acenaphthene	14.483	153	6299	0.346	ng/ul	99
12) Fluorene	15.491	166	7165	0.341	ng/ul	97
14) Pentachlorophenol	16.879	266	832m	0.587	ng/ul	
15) Phenanthrene	17.225	178	10923	0.336	ng/ul	95
16) Anthracene	17.326	178	10379	0.384	ng/ul	95
19) Fluoranthene	19.238	202	14608	0.271	ng/ul	97
20) Pyrene	19.600	202	16403	0.272	ng/ul	98
21) Benzo(a)anthracene	21.353	228	12802	0.344	ng/ul#	93
22) Chrysene	21.403	228	14791	0.309	ng/ul#	94
24) Benzo(b)fluoranthene	22.984	252	15552	0.316	ng/ul	77
25) Benzo(k)fluoranthene	23.028	252	15997	0.318	ng/ul#	78
26) Benzo(a)pyrene	23.586	252	17113	0.340	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.094	276	20558	0.375	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.101	278	16597	0.382	ng/ul#	74
29) Benzo(g,h,i)perylene	26.829	276	18603	0.368	ng/ul#	88

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

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