Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
Data File : BM034546.D
Acq On : 07 Apr 2022 15:24
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 03:58:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	3044	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	8989	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	4440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	6053	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	5609	0.400	ng/ul	# 0.00
23) Perylene-d12	23.889	264	4876	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1985	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	4349	0.368	ng/ul	-0.01
18) Fluoranthene-d10	19.329	212	6352	0.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	1982	0.390	ng/ul#	65
5) Naphthalene	10.779	128	9678	0.344	ng/ul#	90
7) 2-Methylnaphthalene	12.396	142	5773	0.376	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	5829	0.378	ng/ul	100
10) Acenaphthylene	14.277	152	7797	0.380	ng/ul#	91
11) Acenaphthene	14.620	153	6326	0.380	ng/ul	95
12) Fluorene	15.614	166	6057	0.353	ng/ul	97
14) Pentachlorophenol	16.970	266	907	0.353	ng/ul	98
15) Phenanthrene	17.350	178	7728	0.393	ng/ul	98
16) Anthracene	17.451	178	5535	0.371	ng/ul	96
19) Fluoranthene	19.362	202	8965	0.381	ng/ul	97
20) Pyrene	19.724	202	10701	0.389	ng/ul#	94
21) Benzo(a)anthracene	21.477	228	4167m	0.341	ng/ul	
22) Chrysene	21.527	228	5561	0.385	ng/ul	98
24) Benzo(b)fluoranthene	23.158	252	5779m	0.362	ng/ul	
25) Benzo(k)fluoranthene	23.208	252	5654	0.397	ng/ul#	86
26) Benzo(a)pyrene	23.792	252	6797	0.365	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.401	276	8538	0.381	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.438	278	6297	0.386	ng/ul#	76
29) Benzo(g,h,i)perylene	27.156	276	9296	0.383	ng/ul#	95

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

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