Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034512.D
Acq On : 06 Apr 2022 11:26
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4071

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 00:50:33 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 : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	2352	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	7287	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.560	164	3626	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	5050	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	4745	0.400	ng/ul	# 0.00
23) Perylene-d12	23.898	264	4167	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	1819	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	3749	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	5734	0.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	1778	0.453	ng/ul#	65
5) Naphthalene	10.784	128	8360	0.367	ng/ul#	90
7) 2-Methylnaphthalene	12.401	142	4988	0.401	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	5118	0.409	ng/ul	99
10) Acenaphthylene	14.282	152	6749	0.402	ng/ul#	92
11) Acenaphthene	14.624	153	5562	0.409	ng/ul	96
12) Fluorene	15.614	166	5386	0.385	ng/ul	94
14) Pentachlorophenol	16.978	266	855	0.399	ng/ul	95
15) Phenanthrene	17.354	178	6889	0.420	ng/ul	98
16) Anthracene	17.455	178	4786	0.384	ng/ul	98
19) Fluoranthene	19.366	202	8187	0.411	ng/ul	98
20) Pyrene	19.724	202	9754	0.419	ng/ul#	94
21) Benzo(a)anthracene	21.480	228	3458m	0.335	ng/ul	
22) Chrysene	21.527	228	5246	0.430	ng/ul	98
24) Benzo(b)fluoranthene	23.158	252	5332m	0.391	ng/ul	
25) Benzo(k)fluoranthene	23.208	252	4937	0.406	ng/ul#	85
26) Benzo(a)pyrene	23.792	252	6295	0.395	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.404	276	7891	0.412	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.448	278	5638	0.404	ng/ul#	73
29) Benzo(g,h,i)perylene	27.162	276	8571	0.413	ng/ul#	95

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

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