Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034630.D
Acq On : 12 Apr 2022 21:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

Manual Integrations APPROVED

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

Quant Time: Apr 13 05:06:29 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	1573	0.400	ng/ul		0.00
4) Naphthalene-d8	10.710	136	5232	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.534	164	2870	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.288	188	4446	0.400	ng/ul		0.00
17) Chrysene-d12	21.468	240	4005	0.400	ng/ul	#	0.00
23) Perylene-d12	23.856	264	3199	0.400	ng/ul	#	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.260	96	1338	0.491	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.311	152	2919	0.421	ng/ul		0.00
18) Fluoranthene-d10	19.308	212	5179	0.444	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.294	88	1316m	0.487	ng/ul		
5) Naphthalene	10.760	128	6162	0.407	ng/ul		92
7) 2-Methylnaphthalene	12.382	142	3790	0.419	ng/ul		96
8) 1-Methylnaphthalene	12.591	142	4018	0.440	ng/ul		97
10) Acenaphthylene	14.256	152	5543	0.411	ng/ul#		92
11) Acenaphthene	14.599	153	4537	0.421	ng/ul		96
12) Fluorene	15.589	166	4664	0.421	ng/ul		98
14) Pentachlorophenol	16.955	266	706	0.409	ng/ul		98
15) Phenanthrene	17.326	178	6141	0.428	ng/ul		99
16) Anthracene	17.432	178	4413	0.402	ng/ul		98
19) Fluoranthene	19.336	202	7178	0.433	ng/ul		98
20) Pyrene	19.699	202	8687	0.444	ng/ul		97
21) Benzo(a)anthracene	21.454	228	3335m	0.399	ng/ul		
22) Chrysene	21.500	228	4318	0.409	ng/ul		98
24) Benzo(b)fluoranthene	23.119	252	4608m	0.438	ng/ul		
25) Benzo(k)fluoranthene	23.166	252	4876	0.463	ng/ul#		86
26) Benzo(a)pyrene	23.754	252	5268	0.436	ng/ul#		70
27) Indeno(1,2,3-cd)pyrene	26.333	276	6946	0.434	ng/ul#		57
28) Dibenzo(a,h)anthracene	26.387	278	5141	0.443	ng/ul#		75
29) Benzo(g,h,i)perylene	27.091	276	7552	0.432	ng/ul#		95

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

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