Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034648.D
Acq On : 13 Apr 2022 07:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4076

Manual Integrations APPROVED

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

Quant Time: Apr 13 09:13:11 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	7.914	152	1375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.711	136	4838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	2395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3328	0.400	ng/ul	0.00
17) Chrysene-d12	21.478	240	3383	0.400	ng/ul	# 0.01
23) Perylene-d12	23.840	264	3206	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1314	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	2521	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	4274	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1263m	0.535	ng/ul	
5) Naphthalene	10.760	128	5613	0.401	ng/ul	94
7) 2-Methylnaphthalene	12.393	142	3260	0.390	ng/ul	96
8) 1-Methylnaphthalene	12.586	142	3415	0.404	ng/ul	98
10) Acenaphthylene	14.256	152	4804	0.427	ng/ul	93
11) Acenaphthene	14.594	153	3924	0.436	ng/ul	96
12) Fluorene	15.593	166	3828	0.414	ng/ul	96
14) Pentachlorophenol	16.951	266	485	0.376	ng/ul	96
15) Phenanthrene	17.327	178	4793	0.446	ng/ul	98
16) Anthracene	17.436	178	3192	0.388	ng/ul	98
19) Fluoranthene	19.336	202	5970	0.427	ng/ul	96
20) Pyrene	19.699	202	7309	0.443	ng/ul	95
21) Benzo(a)anthracene	21.478	228	2893m	0.409	ng/ul	
22) Chrysene	21.502	228	3774	0.423	ng/ul	98
24) Benzo(b)fluoranthene	23.115	252	3839m	0.365	ng/ul	
25) Benzo(k)fluoranthene	23.159	252	3584	0.340	ng/ul#	82
26) Benzo(a)pyrene	23.752	252	4726	0.390	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.345	276	6353	0.396	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.382	278	4397	0.378	ng/ul#	66
29) Benzo(g,h,i)perylene	27.080	276	7202	0.411	ng/ul	95

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

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