Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034470.D
Acq On : 31 Mar 2022 09:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4067

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 10:14:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	2042	0.400	ng/ul	0.01
4) Naphthalene-d8	10.757	136	6461	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	2803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4412	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4149	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	4497	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1499	0.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2989	0.343	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	5037	0.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	1681m	0.501	ng/ul	
5) Naphthalene	10.807	128	6890	0.368	ng/ul	93
7) 2-Methylnaphthalene	12.434	142	3868	0.338	ng/ul	96
8) 1-Methylnaphthalene	12.632	142	4021	0.352	ng/ul	99
10) Acenaphthylene	14.296	152	5649	0.419	ng/ul#	93
11) Acenaphthene	14.634	153	4518	0.440	ng/ul	97
12) Fluorene	15.633	166	4336	0.396	ng/ul	98
14) Pentachlorophenol	16.999	266	589	0.331	ng/ul	99
15) Phenanthrene	17.371	178	5705	0.405	ng/ul	99
16) Anthracene	17.481	178	4059	0.328	ng/ul	99
19) Fluoranthene	19.376	202	7034	0.376	ng/ul#	96
20) Pyrene	19.738	202	8443	0.409	ng/ul	95
21) Benzo(a)anthracene	21.492	228	4096	0.316	ng/ul	98
22) Chrysene	21.539	228	5247	0.353	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	5164m	0.332	ng/ul	
25) Benzo(k)fluoranthene	23.216	252	5471m	0.363	ng/ul	
26) Benzo(a)pyrene	23.807	252	6121	0.380	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.442	276	8016	0.381	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.462	278	5547	0.352	ng/ul#	78
29) Benzo(g,h,i)perylene	27.179	276	8605	0.424	ng/ul	96

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

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