Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035774.D
Acq On : 29 Jun 2022 23:15
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 30 04:53:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4118

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2634	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.594	136	9782	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.422	164	5565m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.182	188	10744	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.363	240	12948	0.400	ng/ul	#-0.01
23) Perylene-d12	23.686	264	13835	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	837	0.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	2806	0.183	ng/ul	-0.03
18) Fluoranthene-d10	19.210	212	6938	0.159	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	964m	0.273	ng/ul	
5) Naphthalene	10.644	128	6545	0.219	ng/ul#	95
7) 2-Methylnaphthalene	12.272	142	3768	0.201	ng/ul	98
8) 1-Methylnaphthalene	12.475	142	3043	0.172	ng/ul	99
10) Acenaphthylene	14.154	152	6873	0.235	ng/ul#	95
11) Acenaphthene	14.487	153	4880	0.217	ng/ul	98
12) Fluorene	15.486	166	5445	0.210	ng/ul#	96
14) Pentachlorophenol	16.883	266	583	0.344	ng/ul	98
15) Phenanthrene	17.225	178	8416	0.216	ng/ul#	89
16) Anthracene	17.326	178	8139	0.252	ng/ul#	88
19) Fluoranthene	19.238	202	11344	0.175	ng/ul#	91
20) Pyrene	19.601	202	12714	0.175	ng/ul#	94
21) Benzo(a)anthracene	21.351	228	10084	0.225	ng/ul#	82
22) Chrysene	21.401	228	11254	0.196	ng/ul#	84
24) Benzo(b)fluoranthene	22.982	252	12239	0.206	ng/ul#	48
25) Benzo(k)fluoranthene	23.028	252	11988	0.198	ng/ul#	47
26) Benzo(a)pyrene	23.590	252	12631	0.208	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.098	276	15751	0.239	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.101	278	12642	0.242	ng/ul#	44
29) Benzo(g,h,i)perylene	26.829	276	13775	0.226	ng/ul#	69

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

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