Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
Data File : BM034392.D
Acq On : 28 Mar 2022 15:24
Operator : CG/JU
Sample : SSTD0.209
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 17:17:23 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 17:15:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	7623	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	3922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	6986	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	5919	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	6281	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	973	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	2066	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.348	212	3715	0.208	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	1047	0.333	ng/ul#	75
5) Naphthalene	10.801	128	4379	0.209	ng/ul	93
7) 2-Methylnaphthalene	12.418	142	2745	0.186	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	2715	0.185	ng/ul	98
10) Acenaphthylene	14.301	152	3880	0.235	ng/ul	95
11) Acenaphthene	14.638	153	2940	0.220	ng/ul	95
12) Fluorene	15.628	166	3095	0.191	ng/ul	99
14) Pentachlorophenol	16.987	266	609	0.272	ng/ul	99
15) Phenanthrene	17.367	178	4499	0.213	ng/ul	99
16) Anthracene	17.460	178	3898	0.204	ng/ul	99
19) Fluoranthene	19.380	202	5435	0.224	ng/ul#	95
20) Pyrene	19.738	202	6075	0.250	ng/ul#	91
21) Benzo(a)anthracene	21.486	228	3686	0.179	ng/ul	93
22) Chrysene	21.539	228	4281	0.195	ng/ul#	95
24) Benzo(b)fluoranthene	23.182	252	4360m	0.170	ng/ul	
25) Benzo(k)fluoranthene	23.231	252	4136	0.159	ng/ul#	50
26) Benzo(a)pyrene	23.813	252	4673	0.216	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	26.441	276	6008	0.199	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.468	278	4437	0.180	ng/ul#	34
29) Benzo(g,h,i)perylene	27.209	276	5898	0.223	ng/ul#	78

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

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