Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
Data File : BM042221.D
Acq On : 09 Oct 2023 12:28
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4113

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 09 13:34:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 13:33:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	7920	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.712	164	2898	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	5631	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.656	240	3032	0.400	ng/ul	# 0.00
23) Perylene-d12	24.167	264	3250m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	1944	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	3536	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	4503	0.396	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	2040	0.437	ng/ul#	89
5) Naphthalene	10.933	128	10295	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.544	142	5500	0.348	ng/ul	93
8) 1-Methylnaphthalene	12.759	142	5461	0.343	ng/ul	97
10) Acenaphthylene	14.444	152	7720	0.422	ng/ul	98
11) Acenaphthene	14.772	153	6109	0.441	ng/ul	98
12) Fluorene	15.767	166	6807	0.436	ng/ul	96
14) Pentachlorophenol	17.117	266	981	0.384	ng/ul	99
15) Phenanthrene	17.514	178	10183	0.439	ng/ul	99
16) Anthracene	17.611	178	8591	0.405	ng/ul	97
19) Fluoranthene	19.520	202	11405	0.495	ng/ul#	90
20) Pyrene	19.887	202	12240	0.500	ng/ul#	89
21) Benzo(a)anthracene	21.641	228	8836	0.451	ng/ul	98
22) Chrysene	21.693	228	9470	0.497	ng/ul	98
24) Benzo(b)fluoranthene	23.386	252	8738	0.456	ng/ul	93
25) Benzo(k)fluoranthene	23.439	252	8911	0.472	ng/ul#	92
26) Benzo(a)pyrene	24.053	252	8273	0.501	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.817	276	10745	0.459	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.850	278	7645	0.433	ng/ul#	86
29) Benzo(g,h,i)perylene	27.632	276	9431	0.482	ng/ul#	90

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

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