Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048797.D
Acq On : 19 Nov 2024 04:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 19 12:07:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 23:00:29 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4091

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.776	152	2500m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.498	136	7449	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.304	164	4528	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.079	188	8658	0.400	ng/ul	0.00
17) Chrysene-d12	21.249	240	7474	0.400	ng/ul	0.00
23) Perylene-d12	23.447	264	8795	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	1479	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.098	152	3669	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.091	212	8615	0.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	1843	0.532	ng/ul#	69
5) Naphthalene	10.547	128	7777	0.417	ng/ul#	91
7) 2-Methylnaphthalene	12.169	142	4105	0.350	ng/ul	93
8) 1-Methylnaphthalene	12.362	142	5317	0.442	ng/ul	99
10) Acenaphthylene	14.031	152	7100	0.413	ng/ul	96
11) Acenaphthene	14.364	153	5861	0.426	ng/ul	98
12) Fluorene	15.387	166	6038	0.404	ng/ul	98
14) Pentachlorophenol	16.745	266	775	0.244	ng/ul	92
15) Phenanthrene	17.121	178	8229	0.362	ng/ul	96
16) Anthracene	17.235	178	7214	0.341	ng/ul	95
19) Fluoranthene	19.119	202	11534	0.417	ng/ul	98
20) Pyrene	19.477	202	12593	0.419	ng/ul	98
21) Benzo(a)anthracene	21.240	228	7691	0.314	ng/ul	99
22) Chrysene	21.281	228	13994	0.477	ng/ul	100
24) Benzo(b)fluoranthene	22.789	252	10355	0.378	ng/ul	99
25) Benzo(k)fluoranthene	22.833	252	13755	0.428	ng/ul	100
26) Benzo(a)pyrene	23.368	252	10833	0.405	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.699	276	14196	0.380	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.719	278	10331	0.355	ng/ul	94
29) Benzo(g,h,i)perylene	26.367	276	12816	0.409	ng/ul	99

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

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