Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035710.D
Acq On : 19 Dec 2024 17:29
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 19 17:53:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4374

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7961	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	5436	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.709	188	10375	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	8709	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	9997	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1251	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	5413	0.477	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	10754	0.423	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.985	88	1304	0.459	ng/ul#	84
5) Naphthalene	10.070	128	9424m	0.483	ng/ul	
7) 2-Methylnaphthalene	11.697	142	6280	0.478	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	6463	0.474	ng/ul	100
10) Acenaphthylene	13.648	152	9257	0.440	ng/ul	98
11) Acenaphthene	14.000	153	7097	0.446	ng/ul	98
12) Fluorene	15.004	166	7586	0.410	ng/ul	100
14) Pentachlorophenol	16.375	266	951	0.358	ng/ul	98
15) Phenanthrene	16.751	178	11530	0.444	ng/ul	99
16) Anthracene	16.844	178	10034	0.413	ng/ul	99
19) Fluoranthene	18.791	202	13402	0.430	ng/ul	99
20) Pyrene	19.158	202	14225	0.415	ng/ul	97
21) Benzo(a)anthracene	20.941	228	12283	0.425	ng/ul	99
22) Chrysene	20.994	228	13421	0.448	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252	12905	0.438	ng/ul	94
25) Benzo(k)fluoranthene	22.472	252	14721	0.452	ng/ul	99
26) Benzo(a)pyrene	22.951	252	12974	0.455	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.068	276	16309m	0.470	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	12544m	0.473	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	13081	0.469	ng/ul	96

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

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