Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028734.D
Acq On : 18 Nov 2023 12:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4319

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 23:01:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5152m	0.400	ng/ul	0.13
4) Naphthalene-d8	10.523	136	16217m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.326	164	10311	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	13501	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.302	240	12283	0.400	ng/ul	# 0.00
23) Perylene-d12	23.582	264	12457	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2770m	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	6968m	0.285	ng/ul	0.03
18) Fluoranthene-d10	19.123	212	18379	0.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	2915m	0.463	ng/ul	
5) Naphthalene	10.572	128	13503	0.297	ng/ul#	94
7) 2-Methylnaphthalene	12.217	142	7274m	0.243	ng/ul	
8) 1-Methylnaphthalene	12.376	142	9166	0.301	ng/ul	99
10) Acenaphthylene	14.058	152	19648	0.382	ng/ul	98
11) Acenaphthene	14.391	153	16614	0.439	ng/ul	99
12) Fluorene	15.408	166	13611	0.309	ng/ul	98
14) Pentachlorophenol	16.774	266	773	0.239	ng/ul	99
15) Phenanthrene	17.141	178	21264	0.513	ng/ul	97
16) Anthracene	17.255	178	9580	0.252	ng/ul	94
19) Fluoranthene	19.155	202	24562	0.470	ng/ul	98
20) Pyrene	19.518	202	28979	0.535	ng/ul	95
21) Benzo(a)anthracene	21.290	228	12031	0.248	ng/ul	98
22) Chrysene	21.337	228	19505	0.411	ng/ul	100
24) Benzo(b)fluoranthene	22.892	252	17354	0.371	ng/ul	86
25) Benzo(k)fluoranthene	22.936	252	21313	0.435	ng/ul#	89
26) Benzo(a)pyrene	23.485	252	18444	0.418	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.941	276	22385	0.457	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.971	278	16522	0.422	ng/ul#	92
29) Benzo(g,h,i)perylene	26.639	276	21022	0.524	ng/ul	96

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

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