Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028750.D
Acq On : 18 Nov 2023 22:28
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4320

Manual Integrations APPROVED

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

Quant Time: Nov 19 23:32:58 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	7.904	152	6424m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.512	136	20440m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.326	164	12672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	19797	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	20882	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	18643	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	3429m	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	6040	0.196	ng/ul	0.02
18) Fluoranthene-d10	19.118	212	28085	0.418	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	3053m	0.389	ng/ul	
5) Naphthalene	10.550	128	18906	0.330	ng/ul	97
7) 2-Methylnaphthalene	12.206	142	6908	0.183	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	12374	0.323	ng/ul	99
10) Acenaphthylene	14.053	152	25181	0.398	ng/ul	99
11) Acenaphthene	14.386	153	20877	0.449	ng/ul	99
12) Fluorene	15.399	166	18383	0.339	ng/ul	98
14) Pentachlorophenol	16.757	266	1560	0.328	ng/ul	99
15) Phenanthrene	17.132	178	29359	0.483	ng/ul	99
16) Anthracene	17.246	178	15794	0.283	ng/ul	97
19) Fluoranthene	19.146	202	38135	0.429	ng/ul	98
20) Pyrene	19.513	202	44901	0.488	ng/ul	96
21) Benzo(a)anthracene	21.279	228	25087	0.304	ng/ul	99
22) Chrysene	21.331	228	33007	0.409	ng/ul	99
24) Benzo(b)fluoranthene	22.933	252	36875	0.527	ng/ul	95
25) Benzo(k)fluoranthene	22.933	252	34320	0.468	ng/ul	97
26) Benzo(a)pyrene	23.482	252	29772	0.451	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	25.928	276	34293	0.468	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.955	278	25601	0.437	ng/ul	98
29) Benzo(g,h,i)perylene	26.636	276	29054	0.484	ng/ul	97

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

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