Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028870.D
Acq On : 24 Nov 2023 22:24
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:04:01 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 : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	4685m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.484	136	14467m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.302	164	9606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.073	188	13825	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.275	240	13981	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	12927	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	2771m	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	6690m	0.307	ng/ul	0.03
18) Fluoranthene-d10	19.099	212	19181	0.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	3155m	0.551	ng/ul	
5) Naphthalene	10.534	128	13999	0.345	ng/ul#	95
7) 2-Methylnaphthalene	12.173	142	7990m	0.299	ng/ul	
8) 1-Methylnaphthalene	12.349	142	8959	0.330	ng/ul	98
10) Acenaphthylene	14.029	152	18257	0.381	ng/ul	97
11) Acenaphthene	14.362	153	15054	0.427	ng/ul	98
12) Fluorene	15.375	166	13128	0.320	ng/ul	95
14) Pentachlorophenol	16.735	266	1110	0.335	ng/ul	96
15) Phenanthrene	17.111	178	20022	0.471	ng/ul	96
16) Anthracene	17.225	178	12262	0.315	ng/ul	96
19) Fluoranthene	19.127	202	25459	0.428	ng/ul	98
20) Pyrene	19.489	202	28790	0.467	ng/ul	96
21) Benzo(a)anthracene	21.263	228	16498	0.298	ng/ul	97
22) Chrysene	21.310	228	20933	0.387	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	18728	0.386	ng/ul	83
25) Benzo(k)fluoranthene	22.906	252	22462	0.442	ng/ul	92
26) Benzo(a)pyrene	23.449	252	19494	0.426	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.877	276	21350	0.420	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.907	278	16224	0.399	ng/ul#	94
29) Benzo(g,h,i)perylene	26.581	276	18738	0.450	ng/ul	95

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

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