Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023157.D
Acq On : 13 Dec 2022 10:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

Quant Time: Dec 13 23:58:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	19473	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.664	164	11524	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	26318	0.400	ng/ul	0.00
17) Chrysene-d12	21.589	240	24349	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	22115	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	3179	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	13099	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	32349	0.360	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.395	88	3188	0.407	ng/ul#	1
5) Naphthalene	10.881	128	30559	0.517	ng/ul	100
7) 2-Methylnaphthalene	12.492	142	15960	0.432	ng/ul	99
8) 1-Methylnaphthalene	12.712	142	16385	0.436	ng/ul	100
10) Acenaphthylene	14.381	152	21648	0.381	ng/ul	100
11) Acenaphthene	14.724	153	18305	0.407	ng/ul	99
12) Fluorene	15.709	166	22380	0.439	ng/ul	98
14) Pentachlorophenol	17.052	266	3648	0.663	ng/ul#	100
15) Phenanthrene	17.449	178	37341	0.413	ng/ul	100
16) Anthracene	17.538	178	31232	0.403	ng/ul	100
19) Fluoranthene	19.462	202	43176	0.343	ng/ul	98
20) Pyrene	19.824	202	45522	0.369	ng/ul	97
21) Benzo(a)anthracene	21.572	228	41209	0.443	ng/ul	100
22) Chrysene	21.627	228	41994	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.291	252	44762	0.399	ng/ul	96
25) Benzo(k)fluoranthene	23.340	252	42604	0.360	ng/ul	99
26) Benzo(a)pyrene	23.934	252	39163	0.459	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.610	276	51432	0.507	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.631	278	39916	0.495	ng/ul	99
29) Benzo(g,h,i)perylene	27.402	276	40342	0.456	ng/ul	99

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

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