Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026591.D
Acq On : 19 Jul 2023 09:44
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Quant Time: Jul 19 10:13:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 09:49:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	3794	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.732	136	11960	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.570	164	7635	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	15866	0.400	ng/ul	-0.01
17) Chrysene-d12	21.526	240	12319	0.400	ng/ul	# 0.00
23) Perylene-d12	23.966	264	15504	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	2062	0.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	7393	0.455	ng/ul	-0.02
18) Fluoranthene-d10	19.354	212	18001	0.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	2088	0.442	ng/ul#	87
5) Naphthalene	10.781	128	12993	0.396	ng/ul	99
7) 2-Methylnaphthalene	12.404	142	8229	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8938	0.448	ng/ul	100
10) Acenaphthylene	14.293	152	15241	0.408	ng/ul	98
11) Acenaphthene	14.630	153	11225	0.394	ng/ul	99
12) Fluorene	15.625	166	12742	0.426	ng/ul	98
14) Pentachlorophenol	16.988	266	1612	0.403	ng/ul	98
15) Phenanthrene	17.368	178	19500	0.386	ng/ul	98
16) Anthracene	17.461	178	18205	0.415	ng/ul	97
19) Fluoranthene	19.386	202	22956	0.398	ng/ul	97
20) Pyrene	19.749	202	23315	0.372	ng/ul	98
21) Benzo(a)anthracene	21.508	228	19563	0.432	ng/ul	100
22) Chrysene	21.564	228	19944	0.387	ng/ul	99
24) Benzo(b)fluoranthene	23.221	252	22005	0.364	ng/ul	93
25) Benzo(k)fluoranthene	23.265	252	23537	0.372	ng/ul	94
26) Benzo(a)pyrene	23.858	252	20486	0.381	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.497	276	28039	0.398	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.514	278	22665	0.419	ng/ul#	88
29) Benzo(g,h,i)perylene	27.285	276	23151	0.372	ng/ul#	90

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

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