Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112123\
Data File : BM042942.D
Acq On : 21 Nov 2023 20:01
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV021

Quant Time: Nov 22 10:35:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	735	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	1762	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2084	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	1416	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	1918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	435	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	906	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	2003	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	517	0.402	ng/ul#	75
5) Naphthalene	10.689	128	2452	0.442	ng/ul	98
7) 2-Methylnaphthalene	12.317	142	1465	0.451	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	1494	0.437	ng/ul	99
10) Acenaphthylene	14.201	152	2860	0.450	ng/ul	99
11) Acenaphthene	14.534	153	1990	0.446	ng/ul	97
12) Fluorene	15.524	166	2210	0.461	ng/ul	98
14) Pentachlorophenol	16.901	266	394	0.340	ng/ul	92
15) Phenanthrene	17.272	178	3203	0.437	ng/ul	99
16) Anthracene	17.373	178	3312	0.436	ng/ul	98
19) Fluoranthene	19.286	202	4155	0.465	ng/ul	98
20) Pyrene	19.653	202	4452	0.463	ng/ul	98
21) Benzo(a)anthracene	21.403	228	2711	0.408	ng/ul	99
22) Chrysene	21.452	228	3910	0.455	ng/ul	99
24) Benzo(b)fluoranthene	23.045	252	3294	0.427	ng/ul	93
25) Benzo(k)fluoranthene	23.092	252	4206	0.438	ng/ul	96
26) Benzo(a)pyrene	23.671	252	3299	0.417	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.228	276	4392	0.414	ng/ul	94
28) Dibenzo(a,h)anthracene	26.252	278	3234	0.409	ng/ul	96
29) Benzo(g,h,i)perylene	26.996	276	3803	0.421	ng/ul	95

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

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