Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043228.D
Acq On : 11 Dec 2023 16:24
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV035

Quant Time: Dec 11 16:55:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	18409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	56031	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	32215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	67199	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	40423	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	39361	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8688	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	34458	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	60325	0.418	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	9302	0.399	ng/ul	93
5) Naphthalene	10.867	128	77676	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	50971	0.469	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	50031	0.459	ng/ul	99
10) Acenaphthylene	14.356	152	83306	0.470	ng/ul	99
11) Acenaphthene	14.694	153	57638	0.447	ng/ul	99
12) Fluorene	15.679	166	66461	0.455	ng/ul	97
14) Pentachlorophenol	17.012	266	5637	0.379	ng/ul	98
15) Phenanthrene	17.409	178	102413	0.457	ng/ul	99
16) Anthracene	17.502	178	91845	0.451	ng/ul	99
19) Fluoranthene	19.417	202	102529	0.450	ng/ul	99
20) Pyrene	19.780	202	101383	0.448	ng/ul	97
21) Benzo(a)anthracene	21.518	228	79059	0.446	ng/ul	100
22) Chrysene	21.571	228	81471	0.435	ng/ul	99
24) Benzo(b)fluoranthene	23.214	252	73928	0.414	ng/ul	97
25) Benzo(k)fluoranthene	23.266	252	78181	0.422	ng/ul	98
26) Benzo(a)pyrene	23.845	252	58555	0.397	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.475	276	72942	0.435	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.502	278	58910	0.443	ng/ul	98
29) Benzo(g,h,i)perylene	27.243	276	60671	0.424	ng/ul	98

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

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