Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043246.D
Acq On : 12 Dec 2023 03:23
Operator : MA/JU
Sample : 05675-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AB0MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 03:54:45 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	11398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	35972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	19883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	41175	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	27207	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	26036	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2915	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	18311	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	38701	0.398	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	47072	3.259	ng/ul#	83
5) Naphthalene	10.862	128	45218	0.418	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	26958	0.386	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	25713	0.367	ng/ul	99
10) Acenaphthylene	14.352	152	41824	0.382	ng/ul	97
11) Acenaphthene	14.689	153	29966	0.376	ng/ul	98
12) Fluorene	15.675	166	34627	0.384	ng/ul	98
14) Pentachlorophenol	17.012	266	11166	1.224	ng/ul	99
15) Phenanthrene	17.409	178	55902	0.407	ng/ul	100
16) Anthracene	17.502	178	51526	0.413	ng/ul	100
19) Fluoranthene	19.417	202	61540	0.401	ng/ul	98
20) Pyrene	19.775	202	65009	0.427	ng/ul	99
21) Benzo(a)anthracene	21.518	228	52467	0.439	ng/ul	99
22) Chrysene	21.571	228	51465	0.408	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	46502	0.394	ng/ul	100
25) Benzo(k)fluoranthene	23.263	252	49463m	0.404	ng/ul	
26) Benzo(a)pyrene	23.842	252	40683	0.417	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.471	276	43417	0.391	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.498	278	34718	0.395	ng/ul	100
29) Benzo(g,h,i)perylene	27.243	276	35567	0.375	ng/ul	99

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

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