Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043293.D
Acq On : 13 Dec 2023 09:22
Operator : MA/JU
Sample : PB157723BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS723

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

Quant Time: Dec 13 09:57:07 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	8.005	152	9353	0.400 ng/ul	0.00
4) Naphthalene-d8	10.807	136	29989	0.400 ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	16451	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.367	188	32633	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.536	240	17681	0.400 ng/ul	# 0.00
23) Perylene-d12	23.950	264	16702	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.402	96	7940	0.672 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	15569	0.366 ng/ul	0.00
18) Fluoranthene-d10	19.385	212	24313	0.385 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.435	88	25114	2.119 ng/ul#	83
5) Naphthalene	10.856	128	33209	0.368 ng/ul	99
7) 2-Methylnaphthalene	12.467	142	21277	0.366 ng/ul	100
8) 1-Methylnaphthalene	12.682	142	20661	0.354 ng/ul	99
10) Acenaphthylene	14.347	152	32632	0.360 ng/ul	100
11) Acenaphthene	14.689	153	24027	0.365 ng/ul	99
12) Fluorene	15.675	166	26349	0.353 ng/ul	98
14) Pentachlorophenol	17.008	266	5686	0.786 ng/ul	98
15) Phenanthrene	17.409	178	40388	0.371 ng/ul	100
16) Anthracene	17.497	178	36489	0.369 ng/ul	99
19) Fluoranthene	19.417	202	39180	0.393 ng/ul	95
20) Pyrene	19.775	202	39185	0.396 ng/ul	95
21) Benzo(a)anthracene	21.518	228	31045	0.400 ng/ul	100
22) Chrysene	21.571	228	32065	0.391 ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	29266	0.386 ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	31002m	0.394 ng/ul	
26) Benzo(a)pyrene	23.842	252	24767	0.396 ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.468	276	29311	0.412 ng/ul#	91
28) Dibenzo(a,h)anthracene	26.498	278	23422	0.415 ng/ul	96
29) Benzo(g,h,i)perylene	27.236	276	24743	0.407 ng/ul	97

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

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