Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048795.D
Acq On : 19 Nov 2024 02:54
Operator : RC/JU
Sample : PB165031BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS031

Quant Time: Nov 19 03:49:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 23:00:29 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.755	152	2810m	0.400 ng/ul	0.00
4) Naphthalene-d8	10.481	136	8642	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.300	164	5500	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.066	188	10949	0.400 ng/ul	0.00
17) Chrysene-d12	21.243	240	9208	0.400 ng/ul	0.00
23) Perylene-d12	23.447	264	10500	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.089	96	2733	0.806 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.087	152	4260	0.381 ng/ul	0.00
18) Fluoranthene-d10	19.087	212	10516	0.407 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.119	88	7627	1.957 ng/ul#	63
5) Naphthalene	10.531	128	8119	0.375 ng/ul#	93
7) 2-Methylnaphthalene	12.158	142	4464	0.328 ng/ul	92
8) 1-Methylnaphthalene	12.351	142	5507	0.395 ng/ul	97
10) Acenaphthylene	14.027	152	7847	0.376 ng/ul	99
11) Acenaphthene	14.360	153	6291	0.377 ng/ul	98
12) Fluorene	15.382	166	6660	0.367 ng/ul	98
14) Pentachlorophenol	16.733	266	2105	0.524 ng/ul	98
15) Phenanthrene	17.108	178	9439	0.328 ng/ul	96
16) Anthracene	17.231	178	8171	0.305 ng/ul	98
19) Fluoranthene	19.119	202	13040	0.382 ng/ul	99
20) Pyrene	19.477	202	14146	0.382 ng/ul	99
21) Benzo(a)anthracene	21.237	228	8893	0.295 ng/ul	99
22) Chrysene	21.278	228	15205	0.420 ng/ul	100
24) Benzo(b)fluoranthene	22.786	252	11329	0.346 ng/ul	98
25) Benzo(k)fluoranthene	22.827	252	15647	0.408 ng/ul	98
26) Benzo(a)pyrene	23.359	252	12152	0.380 ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.689	276	16175	0.363 ng/ul	97
28) Dibenzo(a,h)anthracene	25.709	278	12055	0.347 ng/ul	99
29) Benzo(g,h,i)perylene	26.360	276	14299	0.382 ng/ul	98

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

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