Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049285.D
Acq On : 28 Dec 2024 10:21
Operator : RC/JU
Sample : P5351-07MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 29 21:56:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E2926MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	18690	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	11956	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	26354	0.400	ng/ul	0.00
17) Chrysene-d12	21.129	240	22535	0.400	ng/ul	0.00
23) Perylene-d12	23.280	264	25194	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2404	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	6742	0.268	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	17654	0.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	7066	0.923	ng/ul#	82
5) Naphthalene	10.347	128	14505	0.310	ng/ul	99
7) 2-Methylnaphthalene	11.975	142	9447	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	10022	0.330	ng/ul	98
10) Acenaphthylene	13.895	152	15021	0.303	ng/ul	99
11) Acenaphthene	14.237	153	18497	0.511	ng/ul	99
12) Fluorene	15.232	166	20914	0.513	ng/ul	98
14) Pentachlorophenol	16.583	266	4257	0.584	ng/ul	96
15) Phenanthrene	16.967	178	250827	3.644	ng/ul	98
16) Anthracene	17.060	178	63739	1.009	ng/ul	99
19) Fluoranthene	18.992	202	452247	5.551	ng/ul	99
20) Pyrene	19.354	202	382697	4.404	ng/ul	99
21) Benzo(a)anthracene	21.114	228	201076	2.565	ng/ul	99
22) Chrysene	21.164	228	182927	2.174	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	223411m	2.776	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	102573m	1.161	ng/ul	
26) Benzo(a)pyrene	23.186	252	166095m	2.152	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	127576	1.168	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.420	278	43027	0.507	ng/ul	99
29) Benzo(g,h,i)perylene	26.054	276	125021	1.423	ng/ul	97

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

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