Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045914.D
Acq On : 08 Jun 2024 13:51
Operator : MA/JU
Sample : P2640-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jun 10 01:28:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C15MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6982	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	23062	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	13062	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	29069	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	17501	0.400	ng/ul	# 0.00
23) Perylene-d12	23.151	264	19742	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	3576	0.450	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.833	152	9326	0.281	ng/ul	-0.02
18) Fluoranthene-d10	18.881	212	19791	0.378	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.092	88	8864	0.974	ng/ul#	72
5) Naphthalene	10.288	128	41605	0.690	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	20048	0.522	ng/ul	100
8) 1-Methylnaphthalene	12.130	142	18364	0.439	ng/ul	98
10) Acenaphthylene	13.827	152	49347	0.831	ng/ul	99
11) Acenaphthene	14.169	153	54733	1.254	ng/ul	99
12) Fluorene	15.164	166	68364	1.401	ng/ul	98
14) Pentachlorophenol	16.529	266	3616	0.665	ng/ul	97
15) Phenanthrene	16.888	178	1077196	13.198	ng/ul	99
16) Anthracene	16.981	178	213282	3.064	ng/ul	99
19) Fluoranthene	18.909	202	1957362	28.048	ng/ul	100
20) Pyrene	19.276	202	1422605	19.542	ng/ul	96
21) Benzo(a)anthracene	21.026	228	726486	11.309	ng/ul	99
22) Chrysene	21.079	228	752242	10.756	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	861817m	13.161	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	323856m	4.501	ng/ul	
26) Benzo(a)pyrene	23.057	252	367133	5.638	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.215	276	324927	3.859	ng/ul	93
28) Dibenzo(a,h)anthracene	25.222	278	107847	1.602	ng/ul	94
29) Benzo(g,h,i)perylene	25.843	276	49405	0.680	ng/ul	98

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

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