Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045944.D
Acq On : 10 Jun 2024 11:06
Operator : MA/JU
Sample : P2640-05MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 10 11:38:09 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 :
A4C15MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 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	3799	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.244	136	11520	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.109	164	6509	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.846	188	13407	0.400	ng/ul	-0.02
17) Chrysene-d12	21.038	240	11798	0.400	ng/ul	#-0.02
23) Perylene-d12	23.145	264	15900	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	2216	0.512	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	3929	0.237	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	10180	0.288	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.088	88	5482	1.107	ng/ul#	67
5) Naphthalene	10.288	128	19899	0.661	ng/ul	100
7) 2-Methylnaphthalene	11.915	142	9257	0.482	ng/ul	100
8) 1-Methylnaphthalene	12.135	142	8693	0.416	ng/ul	99
10) Acenaphthylene	13.827	152	28109	0.950	ng/ul	99
11) Acenaphthene	14.169	153	26788	1.232	ng/ul	99
12) Fluorene	15.164	166	33277	1.369	ng/ul	99
14) Pentachlorophenol	16.529	266	1208	0.482	ng/ul	96
15) Phenanthrene	16.888	178	553318	14.699	ng/ul	99
16) Anthracene	16.981	178	107215	3.339	ng/ul	99
19) Fluoranthene	18.905	202	1092269	23.217	ng/ul	99
20) Pyrene	19.272	202	804371	16.390	ng/ul	96
21) Benzo(a)anthracene	21.023	228	498185	11.504	ng/ul	98
22) Chrysene	21.076	228	522444	11.081	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	712678m	13.514	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	289239m	4.991	ng/ul	
26) Benzo(a)pyrene	23.054	252	315217	6.010	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.205	276	292727	4.316	ng/ul	92
28) Dibenzo(a,h)anthracene	25.212	278	96647	1.783	ng/ul	94
29) Benzo(g,h,i)perylene	25.836	276	46144	0.789	ng/ul	98

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

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