Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045996.D
Acq On : 12 Jun 2024 13:41
Operator : MA/JU
Sample : P2642-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 13 00:07:44 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 : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	10368	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	6611	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.833	188	14672	0.400	ng/ul	-0.01
17) Chrysene-d12	21.026	240	12310	0.400	ng/ul	-0.01
23) Perylene-d12	23.127	264	14208	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.050	96	1771	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	4495	0.301	ng/ul	-0.01
18) Fluoranthene-d10	18.863	212	12651	0.343	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	4390	1.158	ng/ul#	75
5) Naphthalene	10.271	128	14467	0.534	ng/ul	99
7) 2-Methylnaphthalene	11.899	142	7658	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.119	142	7395	0.394	ng/ul	100
10) Acenaphthylene	13.813	152	16185	0.538	ng/ul	100
11) Acenaphthene	14.155	153	16292	0.737	ng/ul	99
12) Fluorene	15.150	166	19265	0.780	ng/ul	99
14) Pentachlorophenol	16.516	266	1537	0.560	ng/ul	96
15) Phenanthrene	16.875	178	250018	6.069	ng/ul	99
16) Anthracene	16.968	178	46935	1.336	ng/ul	99
19) Fluoranthene	18.891	202	452497	9.218	ng/ul	98
20) Pyrene	19.258	202	363119	7.091	ng/ul	95
21) Benzo(a)anthracene	21.011	228	202825	4.489	ng/ul	99
22) Chrysene	21.061	228	216050m	4.392	ng/ul	
24) Benzo(b)fluoranthene	22.507	252	248443m	5.272	ng/ul	
25) Benzo(k)fluoranthene	22.545	252	103673m	2.002	ng/ul	
26) Benzo(a)pyrene	23.036	252	117814	2.514	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.178	276	93928	1.550	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.189	278	35163	0.726	ng/ul	96
29) Benzo(g,h,i)perylene	25.806	276	15402	0.295	ng/ul	97

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

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