Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046249.D
Acq On : 24 Jun 2024 12:37
Operator : MA/JU
Sample : P2775-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 24 13:21:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4BQ3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2121	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.198	136	6528	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.061	164	3775	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.802	188	7922	0.400	ng/ul	-0.06
17) Chrysene-d12	21.000	240	6719	0.400	ng/ul	#-0.04
23) Perylene-d12	23.092	264	8831m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	908	0.312	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.798	152	2181	0.249	ng/ul	-0.07
18) Fluoranthene-d10	18.829	212	5955	0.296	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.058	88	2455	0.752	ng/ul#	82
5) Naphthalene	10.242	128	8314	0.457	ng/ul	98
7) 2-Methylnaphthalene	11.870	142	4062	0.396	ng/ul	98
8) 1-Methylnaphthalene	12.079	142	3830	0.341	ng/ul	100
10) Acenaphthylene	13.784	152	14900	0.832	ng/ul	98
11) Acenaphthene	14.121	153	9190	0.711	ng/ul	100
12) Fluorene	15.121	166	10847	0.782	ng/ul	99
14) Pentachlorophenol	16.485	266	1271	0.535	ng/ul	96
15) Phenanthrene	16.844	178	179827	8.080	ng/ul	95
16) Anthracene	16.937	178	38330	2.312	ng/ul	97
19) Fluoranthene	18.861	202	444941	15.294	ng/ul	96
20) Pyrene	19.224	202	321382	10.215	ng/ul	96
21) Benzo(a)anthracene	20.982	228	192169	7.404	ng/ul	99
22) Chrysene	21.035	228	220894	6.669	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252	293382m	9.221	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	111191m	2.940	ng/ul	
26) Benzo(a)pyrene	22.999	252	134311m	4.556	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.125	276	129111	2.676	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.135	278	43002	1.197	ng/ul	91
29) Benzo(g,h,i)perylene	25.749	276	64017	1.547	ng/ul	95

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

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