Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044915.D
Acq On : 04 Apr 2024 15:24
Operator : MA/JU
Sample : P1849-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0LY5MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 04 16:26:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	2524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	8183	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.294	164	4847	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.052	188	10012	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.262	240	7918	0.400	ng/ul	# 0.00
23) Perylene-d12	23.495	264	10253	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	642	0.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.019	152	1759	0.159	ng/ul	-0.03
18) Fluoranthene-d10	19.095	212	4211	0.210	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	1624	0.511	ng/ul#	72
5) Naphthalene	10.473	128	31381	1.445	ng/ul	95
7) 2-Methylnaphthalene	12.096	142	82515	6.365	ng/ul	97
8) 1-Methylnaphthalene	12.316	142	62451	4.411	ng/ul	100
10) Acenaphthylene	14.016	152	7777	0.322	ng/ul#	75
11) Acenaphthene	14.358	153	59276	3.424	ng/ul	98
12) Fluorene	15.353	166	79006	4.071	ng/ul	99
14) Pentachlorophenol	16.710	266	772	0.329	ng/ul	94
15) Phenanthrene	17.094	178	1084720	38.480	ng/ul	97
16) Anthracene	17.187	178	237456	8.553	ng/ul	97
19) Fluoranthene	19.123	202	1411735	49.895	ng/ul	99
20) Pyrene	19.490	202	1101856	36.877	ng/ul	99
21) Benzo(a)anthracene	21.248	228	465247	16.879	ng/ul	99
22) Chrysene	21.300	228	448794	13.045	ng/ul	98
24) Benzo(b)fluoranthene	22.829	252	559558	15.111	ng/ul	92
25) Benzo(k)fluoranthene	22.869	252	202246m	4.877	ng/ul	
26) Benzo(a)pyrene	23.399	252	342134	9.677	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.742	276	251148	5.183	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.752	278	66434	1.731	ng/ul#	87
29) Benzo(g,h,i)perylene	26.429	276	221232	5.294	ng/ul	99

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

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