Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034406.D
Acq On : 29 Mar 2022 14:28
Operator : CG/JU
Sample : N2079-21MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW607MSD

Quant Time: Mar 30 02:30:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	1934	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	5798	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	3165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	5419	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	4493	0.400	ng/ul	# 0.00
23) Perylene-d12	23.904	264	5026	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7565m	2.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	2707	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	6428	0.459	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	3259	1.026	ng/ul#	81
5) Naphthalene	10.790	128	40075	2.387	ng/ul#	88
7) 2-Methylnaphthalene	12.413	142	6601	0.643	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5857	0.571	ng/ul	100
10) Acenaphthylene	14.296	152	5344	0.351	ng/ul	93
11) Acenaphthene	14.639	153	3760	0.324	ng/ul	95
12) Fluorene	15.624	166	4104	0.332	ng/ul	98
14) Pentachlorophenol	16.978	266	1878	0.860	ng/ul	99
15) Phenanthrene	17.358	178	6207	0.359	ng/ul	98
16) Anthracene	17.456	178	5165	0.340	ng/ul	98
19) Fluoranthene	19.371	202	8071	0.398	ng/ul	99
20) Pyrene	19.734	202	8963	0.401	ng/ul	96
21) Benzo(a)anthracene	21.481	228	5249	0.374	ng/ul	99
22) Chrysene	21.530	228	6347	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.167	252	6454m	0.371	ng/ul	
25) Benzo(k)fluoranthene	23.220	252	6308	0.375	ng/ul#	80
26) Benzo(a)pyrene	23.801	252	7459	0.414	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.418	276	8808	0.375	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.451	278	6699	0.381	ng/ul#	75
29) Benzo(g,h,i)perylene	27.186	276	8995	0.397	ng/ul#	92

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

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