Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043015.D
Acq On : 25 Nov 2023 15:03
Operator : MA/JU
Sample : 05336-04MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 27 02:43:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKB9MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	807m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.612	136	2818	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	1731m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.213	188	3979	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2484	0.400	ng/ul	#-0.02
23) Perylene-d12	23.761	264	2859	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	308	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	1542	0.409	ng/ul	-0.05
18) Fluoranthene-d10	19.239	212	3655	0.404	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	655	0.493	ng/ul	96
5) Naphthalene	10.656	128	25036	3.269	ng/ul#	83
7) 2-Methylnaphthalene	12.278	142	2516	0.557	ng/ul	98
8) 1-Methylnaphthalene	12.493	142	7161	1.422	ng/ul	99
10) Acenaphthylene	14.183	152	7869	0.891	ng/ul	93
11) Acenaphthene	14.516	153	276369	41.290	ng/ul	95
12) Fluorene	15.506	166	81578	11.869	ng/ul#	97
14) Pentachlorophenol	16.858	266	789	0.733	ng/ul	98
15) Phenanthrene	17.255	178	6107	0.538	ng/ul	96
16) Anthracene	17.348	178	5417m	0.504	ng/ul	
19) Fluoranthene	19.272	202	9015	0.640	ng/ul#	94
20) Pyrene	19.639	202	7288	0.487	ng/ul	96
21) Benzo(a)anthracene	21.388	228	4285	0.532	ng/ul	97
22) Chrysene	21.441	228	5332	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	4421	0.458	ng/ul	94
25) Benzo(k)fluoranthene	23.083	252	5671	0.427	ng/ul	97
26) Benzo(a)pyrene	23.656	252	4415	0.419	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	26.218	276	5560	0.390	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.232	278	4389	0.398	ng/ul	89
29) Benzo(g,h,i)perylene	26.986	276	5040	0.364	ng/ul	97

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

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