Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046314.D
Acq On : 26 Jun 2024 05:27
Operator : MA/JU
Sample : P2909-07MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B84MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 06:18:21 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 : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2111	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.183	136	6334	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.044	164	3771	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.787	188	8168	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	6523	0.400	ng/ul	-0.03
23) Perylene-d12	23.080	264	8901	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1205	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	2323	0.273	ng/ul	-0.05
18) Fluoranthene-d10	18.821	212	6377	0.326	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.050	88	2807	0.864	ng/ul#	89
5) Naphthalene	10.233	128	21211	1.201	ng/ul	94
7) 2-Methylnaphthalene	11.860	142	10271	1.033	ng/ul	98
8) 1-Methylnaphthalene	12.069	142	9260	0.849	ng/ul	99
10) Acenaphthylene	13.767	152	13000	0.727	ng/ul	99
11) Acenaphthene	14.109	153	27677	2.143	ng/ul	97
12) Fluorene	15.104	166	40592	2.930	ng/ul	99
14) Pentachlorophenol	16.478	266	469	0.192	ng/ul	99
15) Phenanthrene	16.829	178	646466	28.171	ng/ul	96
16) Anthracene	16.922	178	131006	7.665	ng/ul	96
19) Fluoranthene	18.853	202	824059	29.177	ng/ul	95
20) Pyrene	19.216	202	522238	17.098	ng/ul	95
21) Benzo(a)anthracene	20.973	228	339052	13.457	ng/ul	99
22) Chrysene	21.026	228	306879	9.544	ng/ul	99
24) Benzo(b)fluoranthene	22.466	252	395049m	12.319	ng/ul	
25) Benzo(k)fluoranthene	22.501	252	150136m	3.938	ng/ul	
26) Benzo(a)pyrene	22.990	252	140071m	4.714	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.115	276	128653	2.645	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.121	278	59951	1.656	ng/ul	92
29) Benzo(g,h,i)perylene	25.735	276	17577	0.421	ng/ul	96

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

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