Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046799.D
Acq On : 25 Jul 2024 14:43
Operator : MA/JU
Sample : P3263-22MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CL0MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 15:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	9106	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	5404	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	11183	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.082	240	7573	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9324	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	929	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3682	0.254	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	7285	0.295	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	2398	0.885	ng/ul	95
5) Naphthalene	10.275	128	33929	1.473	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	14840	0.936	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	12245	0.748	ng/ul	99
10) Acenaphthylene	13.835	152	38191	1.543	ng/ul	99
11) Acenaphthene	14.182	153	28673	1.707	ng/ul	100
12) Fluorene	15.176	166	34793	1.657	ng/ul	98
14) Pentachlorophenol	16.532	266	2878	0.569	ng/ul	100
15) Phenanthrene	16.912	178	534537	16.630	ng/ul	98
16) Anthracene	17.005	178	108518	3.627	ng/ul	99
19) Fluoranthene	18.940	202	784494	23.587	ng/ul	100
20) Pyrene	19.308	202	578008	16.800	ng/ul	99
21) Benzo(a)anthracene	21.064	228	332125	10.524	ng/ul	99
22) Chrysene	21.117	228	336051	10.483	ng/ul	98
24) Benzo(b)fluoranthene	22.584	252	432360m	10.562	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	152655m	3.701	ng/ul	
26) Benzo(a)pyrene	23.119	252	165618	5.636	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.316	276	157303	3.478	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.326	278	56394	1.703	ng/ul	96
29) Benzo(g,h,i)perylene	25.957	276	25779	0.647	ng/ul#	91

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

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