Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046132.D
Acq On : 20 Jun 2024 20:37
Operator : MA/JU
Sample : P2710-23MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:48:56 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2512	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.215	136	7176	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.075	164	4082	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	8719	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	7412	0.400	ng/ul	-0.04
23) Perylene-d12	23.104	264	10587	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1587	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	2742	0.285	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	7421	0.334	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	4219	1.091	ng/ul	86
5) Naphthalene	10.259	128	22872	1.143	ng/ul	94
7) 2-Methylnaphthalene	11.887	142	10255	0.910	ng/ul	98
8) 1-Methylnaphthalene	12.101	142	9831	0.795	ng/ul	99
10) Acenaphthylene	13.793	152	37200	1.921	ng/ul	97
11) Acenaphthene	14.135	153	35209	2.519	ng/ul	98
12) Fluorene	15.130	166	44598	2.974	ng/ul	99
14) Pentachlorophenol	16.494	266	1140	0.436	ng/ul	99
15) Phenanthrene	16.853	178	737934	30.124	ng/ul	95
16) Anthracene	16.946	178	145277	7.963	ng/ul	95
19) Fluoranthene	18.875	202	1213150	37.801	ng/ul	97
20) Pyrene	19.238	202	853645	24.596	ng/ul	96
21) Benzo(a)anthracene	20.994	228	563158	19.670	ng/ul	99
22) Chrysene	21.047	228	550445	15.065	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	723660m	18.972	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	307273m	6.776	ng/ul	
26) Benzo(a)pyrene	23.016	252	288224m	8.155	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.149	276	268556	4.643	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.155	278	102230	2.374	ng/ul	92
29) Benzo(g,h,i)perylene	25.776	276	38049	0.767	ng/ul	97

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

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