Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046539.D
Acq On : 12 Jul 2024 09:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 10:59:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	3874	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164	2491	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	5510	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	4592	0.400	ng/ul	0.00
23) Perylene-d12	23.253	264	5470	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	557	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	2526	0.404	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	5598	0.401	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	612	0.425	ng/ul#	72
5) Naphthalene	10.321	128	3948	0.401	ng/ul	99
7) 2-Methylnaphthalene	11.943	142	2826	0.408	ng/ul	98
8) 1-Methylnaphthalene	12.168	142	2866	0.406	ng/ul	99
10) Acenaphthylene	13.868	152	4538	0.400	ng/ul	98
11) Acenaphthene	14.215	153	3047	0.401	ng/ul	98
12) Fluorene	15.210	166	3819	0.406	ng/ul	95
14) Pentachlorophenol	16.559	266	827	0.296	ng/ul	99
15) Phenanthrene	16.947	178	6158	0.392	ng/ul	98
16) Anthracene	17.036	178	5855	0.382	ng/ul	98
19) Fluoranthene	18.974	202	7580	0.402	ng/ul#	98
20) Pyrene	19.337	202	7917	0.388	ng/ul	98
21) Benzo(a)anthracene	21.096	228	7763	0.382	ng/ul	99
22) Chrysene	21.149	228	7629	0.388	ng/ul	98
24) Benzo(b)fluoranthene	22.618	252	8539	0.391	ng/ul	97
25) Benzo(k)fluoranthene	22.659	252	8655m	0.403	ng/ul	
26) Benzo(a)pyrene	23.159	252	6977	0.388	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.376	276	10730	0.392	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	8498	0.392	ng/ul	98
29) Benzo(g,h,i)perylene	26.014	276	8641	0.396	ng/ul	97

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

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