Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045394.D
Acq On : 19 Apr 2024 15:38
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 19 16:16:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4079

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.606	152	886	0.400	ng/ul		0.00
4) Naphthalene-d8	10.380	136	2572	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.238	164	1215	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.014	188	2572	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.219	240	1936	0.400	ng/ul	#	0.00
23) Perylene-d12	23.419	264	2767	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.184	96	487	0.418	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.991	152	1317	0.378	ng/ul		0.00
18) Fluoranthene-d10	19.048	212	2258	0.462	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.213	88	471	0.422	ng/ul	#	82
5) Naphthalene	10.435	128	2729	0.400	ng/ul	#	94
7) 2-Methylnaphthalene	12.074	142	1539	0.378	ng/ul		97
8) 1-Methylnaphthalene	12.272	142	1712	0.385	ng/ul		97
10) Acenaphthylene	13.961	152	2473	0.408	ng/ul		96
11) Acenaphthene	14.303	153	1848	0.426	ng/ul		99
12) Fluorene	15.321	166	1936	0.398	ng/ul	#	99
14) Pentachlorophenol	16.689	266	212	0.352	ng/ul		99
15) Phenanthrene	17.057	178	2830	0.391	ng/ul		95
16) Anthracene	17.166	178	2847m	0.399	ng/ul		
19) Fluoranthene	19.081	202	3231	0.467	ng/ul	#	94
20) Pyrene	19.443	202	3419	0.468	ng/ul	#	94
21) Benzo(a)anthracene	21.213	228	2612	0.388	ng/ul		97
22) Chrysene	21.257	228	3686	0.438	ng/ul		97
24) Benzo(b)fluoranthene	22.759	252	3732	0.373	ng/ul		96
25) Benzo(k)fluoranthene	22.805	252	4660	0.416	ng/ul	#	92
26) Benzo(a)pyrene	23.334	252	3808	0.399	ng/ul	#	88
27) Indeno(1,2,3-cd)pyrene	25.628	276	5447	0.417	ng/ul	#	100
28) Dibenzo(a,h)anthracene	25.658	278	4295	0.415	ng/ul	#	87
29) Benzo(g,h,i)perylene	26.298	276	4908	0.435	ng/ul	#	94

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

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