Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
Data File : BM045238.D
Acq On : 14 Apr 2024 12:16
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4075

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 15 00:39:59 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 : Mon Apr 15 00:32:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	1133	0.400	ng/ul	0.03
4) Naphthalene-d8	10.413	136	3341	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.270	164	1614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	3509	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.248	240	2691	0.400	ng/ul	# 0.00
23) Perylene-d12	23.466	264	3415	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	725	0.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	1698	0.375	ng/ul	0.03
18) Fluoranthene-d10	19.072	212	3260	0.479	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	710	0.498	ng/ul#	89
5) Naphthalene	10.468	128	3531	0.398	ng/ul	96
7) 2-Methylnaphthalene	12.107	142	2023	0.382	ng/ul	98
8) 1-Methylnaphthalene	12.305	142	2218	0.384	ng/ul	99
10) Acenaphthylene	13.998	152	3243	0.403	ng/ul	96
11) Acenaphthene	14.335	153	2384	0.414	ng/ul	99
12) Fluorene	15.353	166	2507	0.388	ng/ul	98
14) Pentachlorophenol	16.719	266	255	0.310	ng/ul	93
15) Phenanthrene	17.086	178	3844	0.389	ng/ul	97
16) Anthracene	17.196	178	3492m	0.359	ng/ul	
19) Fluoranthene	19.104	202	4667	0.485	ng/ul	96
20) Pyrene	19.467	202	4961	0.489	ng/ul#	94
21) Benzo(a)anthracene	21.236	228	3549	0.379	ng/ul	98
22) Chrysene	21.283	228	5291	0.453	ng/ul	97
24) Benzo(b)fluoranthene	22.796	252	4656	0.378	ng/ul	96
25) Benzo(k)fluoranthene	22.846	252	5848m	0.423	ng/ul	
26) Benzo(a)pyrene	23.375	252	4938	0.419	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.718	276	6266	0.388	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.748	278	4866	0.381	ng/ul#	87
29) Benzo(g,h,i)perylene	26.369	276	5758	0.414	ng/ul#	92

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

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