Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034519.D
Acq On : 06 Apr 2022 16:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4072

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 01:02:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	2062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	6549	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.560	164	3247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	4638	0.400	ng/ul	0.00
17) Chrysene-d12	21.492	240	4503	0.400	ng/ul	# 0.00
23) Perylene-d12	23.889	264	3994	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1621	0.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3356	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	5413	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	1595	0.463	ng/ul#	65
5) Naphthalene	10.790	128	7418	0.362	ng/ul#	91
7) 2-Methylnaphthalene	12.412	142	4343	0.389	ng/ul	97
8) 1-Methylnaphthalene	12.616	142	4523	0.402	ng/ul	99
10) Acenaphthylene	14.287	152	6340	0.422	ng/ul#	92
11) Acenaphthene	14.624	153	5188	0.426	ng/ul	95
12) Fluorene	15.619	166	4985	0.398	ng/ul	98
14) Pentachlorophenol	16.974	266	741	0.377	ng/ul	99
15) Phenanthrene	17.354	178	6457	0.429	ng/ul	98
16) Anthracene	17.455	178	4466	0.391	ng/ul	98
19) Fluoranthene	19.366	202	7765	0.411	ng/ul	97
20) Pyrene	19.724	202	9271	0.420	ng/ul	96
21) Benzo(a)anthracene	21.477	228	3803	0.388	ng/ul	98
22) Chrysene	21.527	228	4828	0.417	ng/ul	98
24) Benzo(b)fluoranthene	23.155	252	5139m	0.393	ng/ul	
25) Benzo(k)fluoranthene	23.205	252	4645	0.399	ng/ul#	89
26) Benzo(a)pyrene	23.790	252	6101	0.400	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.404	276	7644	0.416	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.445	278	5487	0.411	ng/ul#	75
29) Benzo(g,h,i)perylene	27.162	276	8523	0.429	ng/ul	96

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

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