Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033611.D
Acq On : 23 Dec 2021 13:49
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 25 01:26:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4193

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/29/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	282	0.400	ng/ul	0.03
4) Naphthalene-d8	10.743	136	1045	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.565	164	598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	1224	0.400	ng/ul	0.01
17) Chrysene-d12	21.492	240	1617	0.400	ng/ul	# 0.00
23) Perylene-d12	23.883	264	1771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	117	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	387	0.277	ng/ul	0.03
18) Fluoranthene-d10	19.342	212	1135	0.304	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	177	0.568	ng/ul	89
5) Naphthalene	10.792	128	929	0.269	ng/ul#	81
7) 2-Methylnaphthalene	12.420	142	582	0.247	ng/ul	96
8) 1-Methylnaphthalene	12.623	142	609	0.277	ng/ul	97
10) Acenaphthylene	14.288	152	970	0.303	ng/ul#	91
11) Acenaphthene	14.625	153	738	0.302	ng/ul	97
12) Fluorene	15.634	166	795	0.294	ng/ul#	98
14) Pentachlorophenol	17.000	266	162	0.264	ng/ul	93
15) Phenanthrene	17.368	178	1174	0.296	ng/ul#	86
16) Anthracene	17.472	178	1016	0.273	ng/ul#	87
19) Fluoranthene	19.369	202	1491	0.300	ng/ul#	89
20) Pyrene	19.735	202	1643	0.316	ng/ul#	91
21) Benzo(a)anthracene	21.482	228	1144m	0.258	ng/ul	
22) Chrysene	21.528	228	1460	0.291	ng/ul	97
24) Benzo(b)fluoranthene	23.153	252	1463	0.261	ng/ul	86
25) Benzo(k)fluoranthene	23.207	252	1849	0.315	ng/ul#	87
26) Benzo(a)pyrene	23.791	252	1432	0.276	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.388	276	2067	0.288	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.410	278	1603	0.278	ng/ul#	85
29) Benzo(g,h,i)perylene	27.134	276	1913	0.302	ng/ul	91

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

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