Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042944.D
Acq On : 22 Nov 2023 08:54
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4130

Quant Time: Nov 23 00:10:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	592	0.400	ng/ul	0.02
4) Naphthalene-d8	10.645	136	1562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	1831	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	1250	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1747	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	409	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	794	0.403	ng/ul	0.01
18) Fluoranthene-d10	19.258	212	1689	0.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	516	0.499	ng/ul#	69
5) Naphthalene	10.695	128	1915	0.389	ng/ul	96
7) 2-Methylnaphthalene	12.322	142	1120	0.389	ng/ul	98
8) 1-Methylnaphthalene	12.520	142	1192	0.394	ng/ul	98
10) Acenaphthylene	14.201	152	2186	0.396	ng/ul	99
11) Acenaphthene	14.534	153	1568	0.405	ng/ul	97
12) Fluorene	15.538	166	1681	0.404	ng/ul	97
14) Pentachlorophenol	16.913	266	311	0.305	ng/ul	94
15) Phenanthrene	17.276	178	2527	0.393	ng/ul	97
16) Anthracene	17.382	178	2616	0.392	ng/ul	97
19) Fluoranthene	19.290	202	3351	0.424	ng/ul	99
20) Pyrene	19.657	202	3565	0.420	ng/ul	99
21) Benzo(a)anthracene	21.406	228	2254	0.385	ng/ul	98
22) Chrysene	21.455	228	3198	0.422	ng/ul	99
24) Benzo(b)fluoranthene	23.048	252	2635	0.375	ng/ul	95
25) Benzo(k)fluoranthene	23.098	252	3618	0.413	ng/ul	96
26) Benzo(a)pyrene	23.674	252	2879	0.399	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.242	276	3531	0.366	ng/ul#	51
28) Dibenzo(a,h)anthracene	26.265	278	2568	0.357	ng/ul	97
29) Benzo(g,h,i)perylene	27.010	276	3080	0.375	ng/ul	99

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

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