Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043026.D
Acq On : 25 Nov 2023 22:16
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4136

Quant Time: Nov 27 02:45:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	2095	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	1222	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	2603	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	1475	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	1833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	431	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	1209	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	2392	0.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	443	0.421	ng/ul	98
5) Naphthalene	10.694	128	2315	0.407	ng/ul	97
7) 2-Methylnaphthalene	12.321	142	1413	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	1529	0.408	ng/ul	97
10) Acenaphthylene	14.196	152	2610	0.418	ng/ul	97
11) Acenaphthene	14.529	153	2015	0.426	ng/ul	98
12) Fluorene	15.533	166	2130	0.439	ng/ul	100
14) Pentachlorophenol	16.904	266	222	0.315	ng/ul	85
15) Phenanthrene	17.275	178	3032	0.408	ng/ul	99
16) Anthracene	17.385	178	2980	0.423	ng/ul	98
19) Fluoranthene	19.289	202	3674	0.439	ng/ul	99
20) Pyrene	19.656	202	3873	0.436	ng/ul	98
21) Benzo(a)anthracene	21.406	228	2080	0.435	ng/ul	98
22) Chrysene	21.456	228	3685	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	2783	0.450	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	3814	0.448	ng/ul	98
26) Benzo(a)pyrene	23.683	252	2896	0.429	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.239	276	4055	0.444	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.256	278	3154	0.446	ng/ul	95
29) Benzo(g,h,i)perylene	26.997	276	3920	0.441	ng/ul	96

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

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