Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037603.D
Acq On : 21 Nov 2022 09:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4174

Quant Time: Nov 21 10:45:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 06:51:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	6802	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	17820	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.746	164	10160	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.482	188	23191	0.400	ng/ul	0.00
17) Chrysene-d12	21.640	240	15734	0.400	ng/ul	# 0.00
23) Perylene-d12	24.128	264	13683	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	3473	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.525	152	11323	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.494	212	23839	0.458	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	3577	0.435	ng/ul#	49
5) Naphthalene	11.001	128	23437	0.433	ng/ul	98
7) 2-Methylnaphthalene	12.596	142	14875	0.404	ng/ul	100
8) 1-Methylnaphthalene	12.811	142	15250	0.404	ng/ul	100
10) Acenaphthylene	14.469	152	21924	0.389	ng/ul	99
11) Acenaphthene	14.811	153	17689	0.449	ng/ul	99
12) Fluorene	15.787	166	20755	0.438	ng/ul	98
14) Pentachlorophenol	17.123	266	2508	0.482	ng/ul	99
15) Phenanthrene	17.520	178	34743	0.438	ng/ul	99
16) Anthracene	17.613	178	30111	0.394	ng/ul	99
19) Fluoranthene	19.522	202	38682	0.510	ng/ul	96
20) Pyrene	19.884	202	39290	0.498	ng/ul	99
21) Benzo(a)anthracene	21.622	228	31276	0.445	ng/ul	100
22) Chrysene	21.678	228	33295	0.477	ng/ul	100
24) Benzo(b)fluoranthene	23.365	252	33353	0.534	ng/ul	94
25) Benzo(k)fluoranthene	23.411	252	31469	0.500	ng/ul#	95
26) Benzo(a)pyrene	24.014	252	26163	0.482	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.732	276	31975	0.445	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.755	278	24483	0.433	ng/ul	95
29) Benzo(g,h,i)perylene	27.534	276	27618	0.453	ng/ul	96

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

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