Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041620.D
Acq On : 31 Aug 2023 18:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4065

Quant Time: Sep 01 02:09:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	4723	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	10200	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.745	164	3871	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	7184	0.400	ng/ul	0.00
17) Chrysene-d12	21.682	240	2498	0.400	ng/ul	0.00
23) Perylene-d12	24.240	264	2707	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	3111	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5026	0.408	ng/ul	-0.01
18) Fluoranthene-d10	19.520	212	4826	0.392	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	3172	0.427	ng/ul	92
5) Naphthalene	10.988	128	13689	0.420	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	7666	0.414	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	7667	0.410	ng/ul	98
10) Acenaphthylene	14.477	152	11466	0.425	ng/ul	99
11) Acenaphthene	14.810	153	8007	0.430	ng/ul	97
12) Fluorene	15.795	166	8630	0.426	ng/ul	99
14) Pentachlorophenol	17.122	266	1100	0.398	ng/ul	99
15) Phenanthrene	17.540	178	12884	0.411	ng/ul	99
16) Anthracene	17.633	178	11194	0.411	ng/ul	99
19) Fluoranthene	19.548	202	12857	0.392	ng/ul	97
20) Pyrene	19.915	202	12697	0.385	ng/ul	98
21) Benzo(a)anthracene	21.664	228	8424	0.378	ng/ul	100
22) Chrysene	21.720	228	9344	0.390	ng/ul	98
24) Benzo(b)fluoranthene	23.445	252	10048	0.400	ng/ul	99
25) Benzo(k)fluoranthene	23.497	252	9402	0.394	ng/ul	99
26) Benzo(a)pyrene	24.123	252	8364	0.373	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.941	276	11661	0.390	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.971	278	8042	0.400	ng/ul	98
29) Benzo(g,h,i)perylene	27.783	276	10045	0.400	ng/ul	99

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

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