Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042136.D
Acq On : 29 Sep 2023 04:40
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4105

Quant Time: Sep 29 05:13:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2735	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	6813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	3126	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	6828	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	4205	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	4437	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	1761	0.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4097	0.480	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	7119	0.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	1757	0.448	ng/ul	98
5) Naphthalene	10.801	128	10639	0.466	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	6271	0.461	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	6393	0.463	ng/ul	99
10) Acenaphthylene	14.314	152	9385	0.448	ng/ul	99
11) Acenaphthene	14.648	153	7401	0.461	ng/ul	99
12) Fluorene	15.638	166	8323	0.460	ng/ul	97
14) Pentachlorophenol	16.974	266	1159	0.321	ng/ul	100
15) Phenanthrene	17.384	178	13759	0.434	ng/ul	99
16) Anthracene	17.476	178	11735	0.429	ng/ul	98
19) Fluoranthene	19.390	202	16363	0.344	ng/ul	97
20) Pyrene	19.757	202	17214	0.368	ng/ul	99
21) Benzo(a)anthracene	21.495	228	12082	0.379	ng/ul	99
22) Chrysene	21.548	228	13250	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.173	252	13781	0.404	ng/ul	98
25) Benzo(k)fluoranthene	23.222	252	13193	0.397	ng/ul	97
26) Benzo(a)pyrene	23.807	252	11041	0.393	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.408	276	14834	0.385	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.428	278	10844	0.389	ng/ul	99
29) Benzo(g,h,i)perylene	27.176	276	12990	0.401	ng/ul	99

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

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