Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
Data File : BM041960.D
Acq On : 21 Sep 2023 16:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Quant Time: Sep 21 17:45:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 16 03:49:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	5910	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.774	136	14120	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.606	164	7231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	14814	0.400	ng/ul	-0.01
17) Chrysene-d12	21.527	240	6249	0.400	ng/ul	#-0.01
23) Perylene-d12	23.941	264	6041	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3017	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	7604	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	11334	0.491	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	3117	0.433	ng/ul#	90
5) Naphthalene	10.823	128	18444	0.397	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	11515	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	11804	0.393	ng/ul	100
10) Acenaphthylene	14.333	152	18240	0.367	ng/ul	99
11) Acenaphthene	14.666	153	14023	0.409	ng/ul	98
12) Fluorene	15.651	166	16152	0.403	ng/ul	100
14) Pentachlorophenol	16.987	266	2567	0.292	ng/ul	100
15) Phenanthrene	17.400	178	25116	0.418	ng/ul	99
16) Anthracene	17.489	178	22343	0.390	ng/ul	99
19) Fluoranthene	19.408	202	25837	0.550	ng/ul	97
20) Pyrene	19.775	202	26126	0.532	ng/ul	98
21) Benzo(a)anthracene	21.509	228	16239	0.418	ng/ul	99
22) Chrysene	21.565	228	16650	0.457	ng/ul	98
24) Benzo(b)fluoranthene	23.196	252	15716	0.458	ng/ul	99
25) Benzo(k)fluoranthene	23.243	252	15129	0.458	ng/ul	98
26) Benzo(a)pyrene	23.830	252	13001	0.450	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.434	276	17581	0.459	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.458	278	13131	0.460	ng/ul	100
29) Benzo(g,h,i)perylene	27.209	276	15071	0.481	ng/ul	97

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

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