Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
Data File : BM040077.D
Acq On : 31 May 2023 13:10
Operator : CG/JU
Sample : SSTD0.478
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Quant Time: May 31 18:07:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 31 18:06:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	5409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	17571	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.637	164	7985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	14649	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	8648	0.400	ng/ul	0.00
23) Perylene-d12	23.991	264	7613	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	3306	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	10593	0.496	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	12607	0.499	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.409	88	3442	0.493	ng/ul	100
5) Naphthalene	10.861	128	22431	0.479	ng/ul	100
7) 2-Methylnaphthalene	12.472	142	12825	0.493	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	13349	0.491	ng/ul	100
10) Acenaphthylene	14.355	152	15177	0.487	ng/ul	100
11) Acenaphthene	14.697	153	13224	0.493	ng/ul	100
12) Fluorene	15.683	166	13597	0.490	ng/ul	100
14) Pentachlorophenol	17.024	266	1429	0.436	ng/ul	100
15) Phenanthrene	17.417	178	20031	0.476	ng/ul	100
16) Anthracene	17.510	178	16094	0.468	ng/ul	100
19) Fluoranthene	19.431	202	18690	0.501	ng/ul	100
20) Pyrene	19.789	202	18611	0.495	ng/ul	100
21) Benzo(a)anthracene	21.535	228	14017	0.494	ng/ul	100
22) Chrysene	21.588	228	15410	0.501	ng/ul	100
24) Benzo(b)fluoranthene	23.242	252	15310	0.477	ng/ul	100
25) Benzo(k)fluoranthene	23.292	252	14452	0.473	ng/ul	100
26) Benzo(a)pyrene	23.877	252	11704	0.448	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.521	276	15135	0.447	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.541	278	12111	0.453	ng/ul	100
29) Benzo(g,h,i)perylene	27.302	276	13139	0.479	ng/ul	100

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

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