Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043180.D
Acq On : 04 Dec 2023 17:33
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4150

Quant Time: Dec 04 18:07:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 23:54:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	668	0.400	ng/ul	0.03
4) Naphthalene-d8	10.633	136	2342	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.455	164	1365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	2793	0.400	ng/ul	0.01
17) Chrysene-d12	21.415	240	1589	0.400	ng/ul	0.01
23) Perylene-d12	23.765	264	1927	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	390	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1235	0.394	ng/ul	0.02
18) Fluoranthene-d10	19.256	212	2448	0.423	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	485	0.441	ng/ul	94
5) Naphthalene	10.682	128	2393	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.316	142	1403	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.502	142	1589	0.380	ng/ul	97
10) Acenaphthylene	14.191	152	2618	0.376	ng/ul	100
11) Acenaphthene	14.519	153	2015	0.382	ng/ul	98
12) Fluorene	15.528	166	2050	0.378	ng/ul	99
14) Pentachlorophenol	16.904	266	219	0.290	ng/ul	92
15) Phenanthrene	17.271	178	2960	0.371	ng/ul	99
16) Anthracene	17.385	178	3027	0.401	ng/ul	98
19) Fluoranthene	19.284	202	3784	0.420	ng/ul	99
20) Pyrene	19.647	202	3950	0.412	ng/ul	99
21) Benzo(a)anthracene	21.403	228	2064	0.400	ng/ul	100
22) Chrysene	21.450	228	3707	0.386	ng/ul	99
24) Benzo(b)fluoranthene	23.037	252	2553	0.393	ng/ul	100
25) Benzo(k)fluoranthene	23.090	252	3622	0.404	ng/ul	96
26) Benzo(a)pyrene	23.671	252	2647	0.373	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.232	276	3656	0.381	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.252	278	2763	0.372	ng/ul	96
29) Benzo(g,h,i)perylene	26.983	276	3529	0.378	ng/ul	97

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

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