Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045453.D
Acq On : 21 Apr 2024 09:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4084

Quant Time: Apr 22 01:29:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 21 05:11:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	712	0.400	ng/ul	0.02
4) Naphthalene-d8	10.364	136	2230	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	1211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	2248	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	1177	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	1690	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	417	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1220	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	1716	0.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	478	0.521	ng/ul#	86
5) Naphthalene	10.419	128	2454	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	1483	0.434	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	1620	0.422	ng/ul	99
10) Acenaphthylene	13.946	152	2396	0.401	ng/ul	98
11) Acenaphthene	14.284	153	1805	0.407	ng/ul	97
12) Fluorene	15.306	166	1923	0.405	ng/ul	98
14) Pentachlorophenol	16.684	266	134	0.299	ng/ul#	91
15) Phenanthrene	17.047	178	2611	0.399	ng/ul	99
16) Anthracene	17.157	178	2395	0.391	ng/ul	98
19) Fluoranthene	19.071	202	2513	0.463	ng/ul	97
20) Pyrene	19.438	202	2633	0.472	ng/ul	98
21) Benzo(a)anthracene	21.211	228	1571	0.418	ng/ul	99
22) Chrysene	21.252	228	2534	0.438	ng/ul	99
24) Benzo(b)fluoranthene	22.756	252	2352	0.414	ng/ul	98
25) Benzo(k)fluoranthene	22.800	252	2951	0.411	ng/ul	96
26) Benzo(a)pyrene	23.327	252	2470	0.419	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.622	276	3502	0.409	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.645	278	2741	0.403	ng/ul	97
29) Benzo(g,h,i)perylene	26.279	276	3196	0.415	ng/ul	95

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

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