Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045642.D
Acq On : 30 Apr 2024 09:22
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4108

Quant Time: Apr 30 09:52:38 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 : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	978	0.400	ng/ul	0.00
4) Naphthalene-d8	10.319	136	3013	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	1322	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	2200	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	1553	0.400	ng/ul	0.00
23) Perylene-d12	23.378	264	2333	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	517	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	1481	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	1712	0.350	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.192	88	499	0.396	ng/ul#	77
5) Naphthalene	10.369	128	3210	0.397	ng/ul	95
7) 2-Methylnaphthalene	12.008	142	1793	0.388	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	1908	0.368	ng/ul	99
10) Acenaphthylene	13.924	152	2673	0.410	ng/ul	98
11) Acenaphthene	14.266	153	1928	0.398	ng/ul	99
12) Fluorene	15.274	166	1860	0.359	ng/ul	97
14) Pentachlorophenol	16.660	266	177	0.404	ng/ul	97
15) Phenanthrene	17.019	178	2453	0.383	ng/ul	99
16) Anthracene	17.133	178	2384	0.398	ng/ul	97
19) Fluoranthene	19.048	202	2545	0.355	ng/ul	100
20) Pyrene	19.411	202	2680	0.364	ng/ul	98
21) Benzo(a)anthracene	21.180	228	2090	0.421	ng/ul	95
22) Chrysene	21.227	228	2806	0.368	ng/ul	97
24) Benzo(b)fluoranthene	22.726	252	3040	0.387	ng/ul	98
25) Benzo(k)fluoranthene	22.770	252	3569	0.360	ng/ul	98
26) Benzo(a)pyrene	23.291	252	3219	0.395	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.577	276	4699	0.397	ng/ul	99
28) Dibenzo(a,h)anthracene	25.591	278	3712	0.396	ng/ul	96
29) Benzo(g,h,i)perylene	26.228	276	4151	0.391	ng/ul	99

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

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