Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
Data File : BN028035.D
Acq On : 04 Oct 2023 14:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

Quant Time: Oct 05 02:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	7037	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	22716	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	14750	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	32687	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	26558	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	23257	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3354	0.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	15359	0.420	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	37195	0.442	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	3493	0.373	ng/ul#	30
5) Naphthalene	10.812	128	25650	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	16990	0.417	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	17340	0.412	ng/ul	99
10) Acenaphthylene	14.314	152	31585	0.472	ng/ul	100
11) Acenaphthene	14.652	153	20560	0.386	ng/ul	99
12) Fluorene	15.638	166	24374	0.411	ng/ul	98
14) Pentachlorophenol	16.974	266	4029	0.575	ng/ul	99
15) Phenanthrene	17.384	178	39307	0.403	ng/ul	99
16) Anthracene	17.476	178	39042	0.448	ng/ul	99
19) Fluoranthene	19.399	202	44520	0.439	ng/ul	97
20) Pyrene	19.766	202	45335	0.431	ng/ul	97
21) Benzo(a)anthracene	21.513	228	38050	0.392	ng/ul	97
22) Chrysene	21.568	228	35632	0.364	ng/ul	95
24) Benzo(b)fluoranthene	23.234	252	33209	0.385	ng/ul	88
25) Benzo(k)fluoranthene	23.284	252	33199	0.387	ng/ul#	88
26) Benzo(a)pyrene	23.889	252	28471	0.387	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.592	276	38600	0.434	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.612	278	31618	0.437	ng/ul#	86
29) Benzo(g,h,i)perylene	27.411	276	32320	0.444	ng/ul	94

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

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