Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
Data File : BN023539.D
Acq On : 03 Jan 2023 16:08
Operator : CG/JU
Sample : SSTD1.668
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Quant Time: Jan 04 00:18:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 00:14:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	12389	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	7233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	15862	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	16636	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	13977	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	6995	1.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	29983	1.565	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	73873	1.228	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	7408	1.621	ng/ul#	85
5) Naphthalene	10.819	128	55581	1.528	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	36046	1.549	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	36766	1.534	ng/ul	100
10) Acenaphthylene	14.325	152	47934	1.495	ng/ul	100
11) Acenaphthene	14.667	153	41047	1.520	ng/ul	100
12) Fluorene	15.652	166	47658	1.570	ng/ul	99
14) Pentachlorophenol	17.005	266	8016	1.822	ng/ul	100
15) Phenanthrene	17.393	178	78490	1.520	ng/ul	100
16) Anthracene	17.486	178	69321	1.618	ng/ul	99
19) Fluoranthene	19.409	202	95377	1.182	ng/ul	100
20) Pyrene	19.776	202	97226	1.195	ng/ul	99
21) Benzo(a)anthracene	21.525	228	93345	1.441	ng/ul	100
22) Chrysene	21.578	228	93301	1.416	ng/ul	99
24) Benzo(b)fluoranthene	23.226	252	100263	1.387	ng/ul	93
25) Benzo(k)fluoranthene	23.273	252	95596	1.408	ng/ul#	94
26) Benzo(a)pyrene	23.858	252	83159	1.453	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.490	276	105270	1.576	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.510	278	83952	1.620	ng/ul	96
29) Benzo(g,h,i)perylene	27.271	276	82811	1.521	ng/ul	98

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

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