Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
Data File : BN027361.D
Acq On : 02 Sep 2023 03:12
Operator : MA/JU
Sample : SSTD0.226
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

Quant Time: Sep 02 06:11:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:08:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	15927	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	9159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	20227	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	16305	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	14773	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1391	0.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4663	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.460	212	11209	0.218	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.456	88	1516	0.231	ng/ul#	77
5) Naphthalene	10.933	128	8858	0.197	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	5582	0.205	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	6077	0.213	ng/ul	98
10) Acenaphthylene	14.421	152	8173	0.159	ng/ul	98
11) Acenaphthene	14.754	153	7096	0.200	ng/ul	99
12) Fluorene	15.744	166	7675	0.191	ng/ul	99
14) Pentachlorophenol	17.067	266	740	0.129	ng/ul	96
15) Phenanthrene	17.485	178	12942	0.195	ng/ul	99
16) Anthracene	17.578	178	9922	0.165	ng/ul	99
19) Fluoranthene	19.487	202	14872	0.220	ng/ul	100
20) Pyrene	19.850	202	15330	0.212	ng/ul	99
21) Benzo(a)anthracene	21.595	228	11377	0.175	ng/ul	99
22) Chrysene	21.650	228	13735	0.215	ng/ul	99
24) Benzo(b)fluoranthene	23.348	252	12997	0.233	ng/ul	94
25) Benzo(k)fluoranthene	23.401	252	12937	0.235	ng/ul#	92
26) Benzo(a)pyrene	24.018	252	10234	0.203	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.804	276	11112	0.168	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.834	278	8434	0.160	ng/ul	94
29) Benzo(g,h,i)perylene	27.629	276	10217	0.186	ng/ul	97

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

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