Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016909.D
Acq On : 12 Oct 2021 21:48
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Oct 13 01:54:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 01:50:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	23237	0.40	ng		0.00
7) Naphthalene-d8	10.445	136	94194	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	50700	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	94755	0.40	ng		0.00
29) Chrysene-d12	21.227	240	93765	0.40	ng		0.00
35) Perylene-d12	23.471	264	99750	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	254773	4.28	ng		0.00
5) Phenol-d6	6.868	99	294400	4.41	ng		0.00
8) Nitrobenzene-d5	8.822	82	335798	5.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	623423	4.57	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	137400	5.59	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	879302	4.53	ng		0.00
27) Fluoranthene-d10	19.073	212	1189296	4.78	ng		0.00
31) Terphenyl-d14	19.679	244	991158	4.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	72659	4.18	ng		93
3) n-Nitrosodimethylamine	3.604	42	91827	4.83	ng		97
6) bis(2-Chloroethyl)ether	7.126	93	281143	4.31	ng		98
9) Naphthalene	10.495	128	1113805	4.34	ng		99
10) Hexachlorobutadiene	10.787	225	220511	4.58	ng	#	100
12) 2-Methylnaphthalene	12.114	142	708398	4.41	ng		100
16) Acenaphthylene	14.015	152	1077041	4.98	ng		100
17) Acenaphthene	14.358	154	667114	4.64	ng		97
18) Fluorene	15.347	166	804151	4.64	ng		99
21) 4-Bromophenyl-phenylether	16.239	248	280052	4.93	ng		97
22) Hexachlorobenzene	16.348	284	299151	4.63	ng		100
25) Phenanthrene	17.078	178	1246508	4.58	ng		100
26) Anthracene	17.164	178	1185667	4.96	ng		100
28) Fluoranthene	19.103	202	1364846	4.56	ng		99
30) Pyrene	19.465	202	1429187	4.65	ng		100
32) Benzo(a)anthracene	21.217	228	1444328	4.81	ng		99
33) Chrysene	21.259	228	1384491	4.49	ng		97
36) Indeno(1,2,3-cd)pyrene	25.747	276	1768259	4.52	ng		99
37) Benzo(b)fluoranthene	22.797	252	1532206	4.59	ng		100
38) Benzo(k)fluoranthene	22.841	252	1440404	4.37	ng		97
39) Benzo(a)pyrene	23.372	252	1413878	4.66	ng		99
40) Dibenzo(a,h)anthracene	25.768	278	1453696	4.55	ng		99
41) Benzo(g,h,i)perylene	26.442	276	1530415	4.55	ng		100

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

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